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Lancaster Farming

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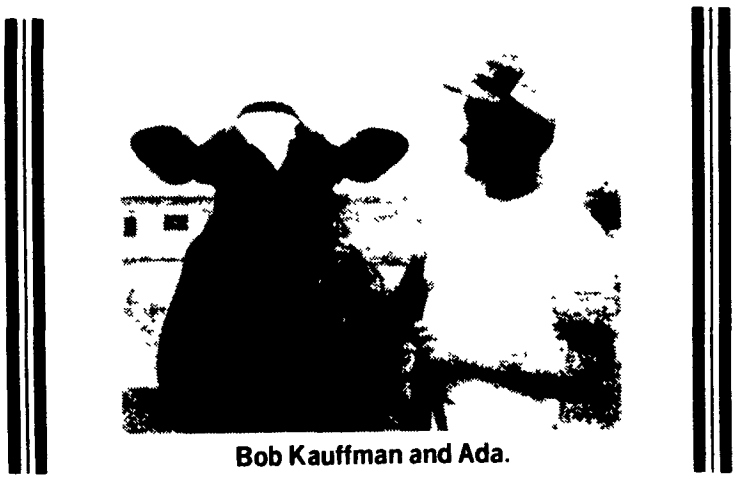
Cow goes to Capitol



Bob Kauffman and Ada.

BY LAURA ENGLAND

ELIZABETHTOWN — Traveling off the farm is not a new experience for Ada, a 5-year-old Holstein cow. The stylish bovine, which classified very good at 89 points, has had her share of competitive 4-H round-ups and FFA shows and has enjoyed her youth-oriented excursions.

But when her owner, Robert Kauffman R1 Elizabethtown, told her she would be traveling to Harrisburg on Friday - and it's not even show season - Ada was just a bit surprised. She was even more surprised when she arrived in Harrisburg and was led up the steps to the Capitol Rotunda.

A weary look in her eyes following her trek up the steps, Ada had heard about walking up hill during her many trips to dairy shows, but this, in her opinion, was ridiculous.

Not aware of it at the time, Ada was about to make history. No, she wasn't using her pull to become the first bovine bureaucrat in Harrisburg, but she was about to become the first cow ever to set hoof in the Rotunda.

Of the 730,000-plus cows in Pennsylvania, Penns Springs Milestone Ada was chosen for the honor. A phone call from the

(Turn to Page A38)

Otis in Tux

Did you ever think you'd see Otis in a Tuxedo?

Well, he's all decked out in his finest farming threads on our Editorial Page today.

To find out why, turn to Page A10.

Dairy Delight is 'Pleasurable Suicide'

It's Dairy Princess season in Pennsylvania.

Last weekend, Joyce Bupp rounded up the newly-crowned princess in York County, her alternates and court and took the above photo at Rutter's Dairy Store. And, that sundae is for real — loaded with lots of dairy goodies.

From the left are Lisa Warner, Kelly Kilgore, dairy princess Judy Perry, Karen Klahold and Darcy Feeser.

Lancaster Farming pays tribute to all dairy royalty in the state — those already named and soon to be named.

For other stories, turn to Pages A22 and B14.

Congratulations Dairy Princesses

Part I — An overview

(Editor's Note: Laura England, dairy editor of Lancaster Farming, has criss-crossed Pennsylvania in recent weeks talking to dairy farmers primarily about one topic - THE FUTURE. What does it hold? What happens after the Dairy Opportunity program ends? How do you see the coming years in dairying? She has put together a special series of articles on "Dairy's Future - Whatever it holds, it's in your hands." In this week's issue she sets the stage for this Special Dairy Report by talking with Fred Hughes, Extension farm management specialist at Penn State. Watch for this special series throughout June and get an insight into something on everyone's mind - THE FUTURE.)

Fred Hughes
Penn State

BY LAURA ENGLAND

UNIVERSITY PARK — It's a picture-perfect scene.

The cows stand gracefully grazing in the lush, green pasture under a bright, blue sky. Peaceful clouds float pass the midday sun, while husband and wife diligently go about their chores. The children, oblivious to all the workings around them, shout and scream as they play tag in the yard.

It's a picture-perfect scene - almost.

A closer look at today's dairy farming reveals some disturbing flaws. An oversupply of milk, 14 billion pounds, plagues the dairy industry. Feed costs and machinery costs are on the rise. In fact, farmers can expect to see a seven to nine percent increase in input costs this year.

And while the cost of inputs is increasing, milk prices are decreasing and money supplies are in jeopardy. Farmers who overextended their credit in years when the economic picture looked bright are now facing the realities of foreclosure. Dairy farmers, in general, are being forced to tighten their belts and watch their management tactics with a keen eye.

But despite the very real problems facing dairymen today, one farm management specialist is optimistic about the dairy industry's future. Optimistic, and yet at the same time, urging caution in farm management practices.

(Turn to Page A34)

"We're going to have a real shakeout of dairymen in 1985 and into 1986."

Livestock market and auction news

Monday markets not covered by USDA & PDA due to holiday

Lancaster Market

Monday, May 28
Report Supplied By USDA

	Cattle	Calves	Hogs	Sheep
Today	1396	44	1050	644
Last Monday	1475	152	912	487
Last Year	926	53	1132	348
Monday's Auction	1403	49	1096	689
Last Monday's Auction	1544	180	699	644

Auction not covered-federal holiday.

Vintage Auction

Tuesday, May 29
Report supplied by USDA

	Cattle	Calves	Sheep	Goats
Today	1509	726	19	11
Last Tuesday	1427	619	55	0
Last Year	1513	649	11	7

CATTLE: Compared to last Tuesday slaughter steers 50-1.00 lower; slaughter heifers not tested; cows 1.00-2.00 lower; bullocks not tested; bulls steady. Supply included 77 percent slaughter steers and 20 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1175-1460 lb. 66.00-67.75, few 68.00-68.50; Good and Choice 1-2 1150-1450 lb. 66.25-67.50, few 67.75-68.85, couple 70.00-70.10; Choice 2-4 1100-1425 lb. 63.00-66.00, few 66.10-66.35; few Choice 2-3 985-1075 lb. 62.50-63.50; high Good and low Choice 2-3 1000-1250 lb. 60.00-63.50; Good 2-3 1000-1225 lb. 57.25-61.00; Good and Choice 1225-1450 lb. Holsteins 53.50-57.00, Standard 1050-1300 lb. 50.00-53.50.

COWS: Breaking Utility and Commercial 2-4 43.00-45.00, few 45.25-46.00; Cutter and Boning Utility 1-3 40.50-44.00, few 44.25-44.75, couple 45 00-45.75; Canner and low Cutter 38.50-40.50.

BULLS: Yield grade 1 1200-1860 lb. 52.50-56.00; yield grade 2 1075-1500 lb. 50.00-53.00, individual 1640 lb. 49.00.

VEAL CALVES: High Good and low Choice 80-120 lb. firm to 3.00 higher, other weights and grades not tested. Supply included 574 in graded sale of which 63 percent sold to return to farm.

VEALERS: Couple Choice 180-240 lb. 77.00-84.00; high Good and low Choice 120-180 lb. 64.00-75.00, 80-115 lb. 66.00-72.00, 70-80 lb. 56.00-64.00; Standard 70-95 lb. 50.00-59.00.

RETURNED TO FARM: 25 head 100-105 lb. Holstein heifers 71.00-72.00. 25 head 120-125 lb. Holstein bulls 100.00; 200 head 90-115 lb. 106.00-111.00; 25 head 90-95 lb. 70.00; 20 head small frame 100-125 lb. 91.00-99.00, 65 head 90-105 lb. 69.50-72.50.

SHEEP: Insufficient volume for a market test; couple Choice 50 lb. spring lambs 75.00; few Utility and Good slaughter ewes 13.00-24.00.

GOATS: All goats sold by the head, mainly 17.00-25.00, couple 27.00-34.00.

Lancaster Auction

Wednesday, May 30
Report supplied by USDA

	Cattle	Calves	Hogs	Sheep
Today	432	40	792	0
Last Wednesday	410	9	564	18
Last Year	511	29	607	8
Wednesday's Auction	228	36	798	0
Last Wednesday's Auction	281	12	560	0

CATTLE: Insufficient volume any one class to establish a market trend. Supply included 50 percent slaughter steers and 28 percent slaughter heifers.

SLAUGHTER STEERS: High Choice and Prime 3-4 1145-1350 lb. 65.50-66.35; Choice 2-4 1100-1350 lb. 63.75-66.00; few Choice 2-3 900-1035 lb. 61.35-64.35; high Good and low Choice 2-3 1050-1275 lb. 60.00-63.50; Good 2-3 900-1000 lb. 57.00-60.00.

SLAUGHTER HEIFERS: Choice 2-3 1020-1350 lb. 61.00-64.25, couple 64.75-65.25; Good 2-3 970-1250 lb. 58.00-61.50.

COWS: Breaking Utility and Commercial 2-4 40.75-44.75, individual 46.00; Cutter and Boning Utility 1-3 39.50-41.50; Canner and low Cutter 38.00-40.00.

BULLOCKS: Good and Choice 1050-1285 lb. 55.25-56.75; few Good 895-950 lb. 52.25-53.25.

BULLS: Yield grade 1 1370-1615 lb. 52.50-54.50; few yield grade 2 1100-1750 lb. 50.50-52.25.

VEAL CALVES: Few high Good and low Choice 85-115 lb. vealers fully steady at 55.00-62.00; few 95-120 lb. Holstein bulls returned to farm at 60.00-75.00.

SHEEP: None.

New Holland Livestock

Thursday, May 31
Report supplied by USDA

CATTLE: 1103. Compared to last Thursday .50-1.00 lower; slaughter heifers steady; cows steady to 1.00 lower; bullocks weak to 1.00 lower; bulls steady to weak. Supply included 71 percent slaughter steers and 19 percent cows.

SLAUGHTER STEERS: High Choice and Prime 3-4 1180-1430 lb. 65.00-67.35, couple 68.00-68.75; Choice 2-4 1100-1440 lbs. 62.50-65.25, several 65.25-66.00, few Choice 2-3 900-1075 lbs. 62.00-63.00; high Good and low Choice 2-3 1025-1325 lb. 60.00-63.00; Good 2-3 57.50-60.00; Good and Choice 1120-1560 lb. Holsteins 54.50-58.00; few Standard 51.00-52.75.

SLAUGHTER HEIFERS: Choice 2-3 1000-1150 lb. 62.00-65.00; few Good 925-1075 lb. 60.00-61.00.

COWS: Breaking Utility and Commercial 2-4 42.25-44.75, few 44.75-46.25; Cutter 1-2 39.50-43.75, few 44.00-44.75; Canner and low Cutter 36.50-39.75.

BULLOCKS: Choice 1050-1350 lb. 54.75-55.25, couple 58.00-58.75; Good 1000-1275 lb. 51.75-54.75.

BULLS: Yield grade 1 1350-1900 lb. 51.75-53.75, couple 55.75-57.75, individual 59.50; yield grade 2 1000-1350 lb. 48.00-52.25.

VEAL CALVES: 439. Choice and Prime vealers 5.00-10.00 lower; high Good and low Choice 80-115 lb. fully steady. Demand good for Holstein bulls to return to farm.

VEALERS: Choice 195-350 lb. 86.00-96.00, few high Choice and Prime 260-320 lb. 100.00-110.00; high Good and low Choice 160-350 lb. 70.00-90.00, 80-120 lb. 60.00-70.00, few 60-80 lb. 48.00-58.00.

RETURNED TO FARM: Bulk 90-125 lb. Holstein bulls 90.00-106.00, few 108.00-113.00; several 80-95 lb. 68.00-85.00.

SHEEP: 42. Spring lambs and slaughter steers mostly steady.

SPRING LAMBS: Choice and Prime 70-90 lb. 68.00-77.00; Choice 55-65 lb. 57.00-68.00.

SLAUGHTER EWES: Utility and Good 13.00-19.00.

GOATS: 44. All goats sold by the head, mainly 20.00-38.00, few 43.00-51.00, six head 57.00-64.00.

Lancaster County Weekly

Friday, June 1

	Cattle	Calves
This Week	4700	1265
Last Week	5149	1328
Last Year	5243	1254

CATTLE: Slaughter steers .50-1.00 lower; slaughter heifers steady; cows steady to 1.00 lower; bullocks weak to 1.00 lower; bulls steady to weak. Supply included 67 percent slaughter steers, 5 per cent slaughter heifers, 13 per cent cows, 4 per cent bulls with the balance feeders.

SLAUGHTER STEERS: High Choice and Prime 3-4 1145-1460 lbs. 65.00-67.50, few 67.50-68.75; Good and Choice 1-2 1100-1450 lbs. 66.25-67.50, few 68.50-67.10; Choice 2-4 1100-1425 lbs. 62.50-66.00, few 66.10-66.35; Choice 2-3 900-1075 lbs. 61.35-63.50; high Good and low Choice 2-3 1000-1325 lbs. 60.00-63.50, Good 2-3 57.00-61.00; holsteins Good and Choice 1120-1560 lbs. 53.50-58.00; Standard 1000-1300 lbs. 50.00-53.50.

SLAUGHTER HEIFERS: Choice 2-3 1000-1350 lbs. 61.00-65.25; Good 2-3 925-1250 lbs. 58.00-61.50.

COWS: Breaking Utility and Commercial 2-4 42.25-44.75, few 44.75-46.25, Cutter and Boning Utility 1-3 39.50-43.75, few 44.00-44.75, Canner and low Cutter 36.50-40.50.

BULLOCKS: Choice 1050-1350 lbs. 54.75-56.75, couple 58.00-58.75; Good 900-1275 lbs. 51.75-54.75.

BULLS: Yield Grade 1 1200-1900 lbs. 51.75-56.00, couple 57.75-59.50; Yield Grade 2 1000-1750 lbs. 48.00-52.25.

VEAL CALVES: Choice and Prime 5.00-10.00 lower. High Good and low Choice 80-115 lbs. fully steady. Demand good for holstein bulls to return to farm.

VEALERS: Choice 180-350 lbs. 84.00-96.00; few High Choice and Prime 260-320 lbs. 100.00-110.00; high Good and low Choice 160-350 lbs. 74.00-90.00, 120-160 lbs. 64.00-75.00, 80-120 lbs. 60.00-72.00, few 60-80 lbs. 48.00-60.00.

RETURNED TO FARM: Bulk 90-125 lb. holstein bulls 90.00-110.00, few 110.00-113.00, several 80-95 lbs. 68.00-85.00.

Belknap Livestock

Dayton, Pa.
Wednesday, May 30
Report supplied by PDA

CATTLE 59: Compared with last Wednesday's market, slaughter cows steady. One Standard slaughter steer at 50.00, Couple Utility 41.00 & 46.50. Few Standard & Good slaughter heifers 45.75-47.50, one Utility at 39.75. Breaking Utility & Commercial slaughter cows 44.00-47.00, one at 51.75, Cutter & Boning Utility 40.75-44.00, few Canner & Low Cutter 32.25-41.25, Shells down to 28.00. One Good slaughter bullock at 50.50. Few Yield Grade #1 1345-1650 lbs. slaughter bulls 48.00-53.00, few Yield Grade #2 1130-1215 lbs. 40.00-45.75.

FEEDER CATTLE: Few Medium & Large Frame #2 430-650 lbs. feeder steers 42.00-48.50; few Medium Frame #2 300-380 lbs. feeder heifers 46.50-48.50.

CALVES 67: One Choice Vealer at 72.00, few Good 61.00-69.00, Standard & Good 90-120 lbs. 60.00-65.00, 60-85 lbs. 50.00-58.00, few Utility 50-60 lbs. 32.00-44.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 64.00-90.00, few to 96.00.

HOGS 212: Barrows & gilts .50-.75 higher. US No. 1-2 220-245 lbs. barrows & gilts 48.00-48.90, one lot 49.25, No. 1-3 210-260 lbs. 47.00-48.25, No. 2-3 200-280 lbs. 45.50-47.00. Sows: US No. 1-3 325-595 lbs. sows 38.00-42.00, few No. 2-3 230-405 lbs. 34.25-36.25. Boars 28.00-31.00.

FEEDER PIGS 112: US No. 1-3 20-30 lbs. feeder pigs 17.00-25.00 per head, No. 1-3 30-50 lbs. 30.00-40.00 per head, No. 1-3 100-145 lbs. 38.00-42.00 per hundredweight, Utility 15-25 lbs. 11.00-15.00 per head.

SHEEP 17: Slaughter ewes 6.00-12.50.

LANCASTER STOCK YARDS
Open 24 hours a day
365 days a year
(717) 394-2611

AUCTIONS
MONDAY
9:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 A.M.— Veal Calves, Lambs, Hogs
TUESDAY
10:00 A.M.— Slaughter Hogs
1:00 P.M.— Feeder Pigs
WEDNESDAY
8:00 A.M. — Slaughter Hogs
10:00 A.M.— Slaughter Bulls, Heifers, Steers, Cows
11:00 AM.— Veal Calves, Lambs, Hogs
12 NOON — Slaughter Sale Load Lot (5 or more)
FRIDAY
11:00 A.M.— Stocker and Feeder Cattle
SATURDAY
8:00 A.M. — Slaughter Hogs

GRADED FEEDER CATTLE SALE
FRIDAY, JUNE 8th

LANCASTER STOCKYARDS, INC.
1147 Lititz Pike Lancaster, Pennsylvania 17601
Serving The Community For 87 Years

HAY, STRAW & CORN
— SALE —
Every Friday at 12 Noon
GREEN DRAGON MARKET & AUCTION
RD No. 4 Ephrata, Pa. 717-738-1117
1 mile North of Ephrata on N. State St.
Out of State Buyers - Cash or Certified Check Only

VINTAGE SALES STABLES, INC.
Sale Every Tuesday
10:30 A.M.
Slaughter Cattle Auction - Steers, Bulls, Heifers, Cows, Feeder Cattle.
Get calves in early. We start to grade and weigh at 2:00.
Sale Every Saturday
9 A.M.
Hog Sale
Business Phone
717-768-8204
Home Phone
215-458-8518
L. Robert Frame, Manager
Box 100 Paradise, PA
10 miles East of Lancaster on Rt. 30

B&R CATTLE CO.
RD1, Marietta, PA 17547
Office Phone: (717) 653-8164
Specializing In Stockers & Feeders
JOHN BOWMAN
Ph (717) 653 5728
RON RANCK
Ph (717) 656 9849

LEBANON VALLEY LIVESTOCK MARKET, INC.
1 mile East of Fredericksburg along Route 22
PHONE: JONESTOWN 865-2881
Sale every Tuesday at 1 30 P M starting with feeder cattle and pigs
Also Hay Sale every Tuesday at 12 30

HOG MARKETS

Lancaster Hogs

Lancaster Stockyards

Monday, May 28

Report supplied by USDA

Auction not covered due to holiday.

Tuesday, May 29

Today	101
Last Tuesday	95
Last Year	484

TREND: Insufficient volume for a market test.

BARROWS AND GILTS: US 1-2 few 205-245 lb. 49.00-50.00. US 1-3 205-265 lb. 48.00-49.00.

Wednesday, May 30

HOGS: Compared to last Wednesday barrows and gilts 1.00-2.00 lower; sows steady, instances 2.00 lower on 500-600 lb.

BARROWS AND GILTS: US 1-2 205-245 lb. 48.50-49.50. US 1 205-250 lb. 49.75-51.00, few 51.00-52.00. US 1-3 200-270 lb. 47.00-48.50.

SOWS: US 1-3 300-400 lb. 35.00-40.00; 400-500 lb. 39.00-42.00; 500-650 lb. 42.00-44.00.

New Holland Feeder Pigs

Wednesday, May 30

Report supplied by USDA

Today	859
Last Wednesday	811
Last Year	686

TREND: Compared to last Wednesday feeder pigs generally steady, although 40-50 lb. steady to 5.00 higher. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 17 head 19 lbs. 118.00; 100 head 22-36 lbs. 96.00-106.00; 75 head 34-39 lbs. 75.00-88.00; 360 head 40-49 lbs. 74.00-87.00; 128 head 50-59 lbs. 70.00-81.00; 11 head 70-71 lbs. 69.00-80.00.

US 2-3: 7 head 23 lbs. 94.00; 7 head 34 lbs. 77.00; 33 head 45-46 lbs. 72.00-76.00; 15 head 58 lbs. 71.00; 40 head 60-75 lbs. 66.00-71.00.

Lancaster Feeder Pigs

Tuesday, May 29

Report supplied by USDA

Today	568
Last Tuesday	841
Last Year	1143

TREND: Compared to last Tuesday 25-40 lb. feeder pigs weak to 10.00 lower, 4060 lb. fully steady. All pigs weighed on arrival and sold by the hundred weight.

US 1-2: 11 head 26 lbs. 118.00; 9 head 34 lbs. 101.00; 58 head 36-38 lbs. 88.00-93.00; 203 head 40-49 lbs. 84.00-94.50; 109 head 50-54 lbs. 88.00-92.50.

US 2: 29 head 35 lbs. 85.00; 23 head 43-45 lbs. 77.00-81.00; 20 head 55-57 lbs. 81.00-83.00.

US 2-3: 31 head 32-40 lbs. 74.00-81.00.

New Holland Hogs

New Holland Sales Stables

Monday, May 28

Report supplied by USDA

Today	1890
Last Monday	1630
Last Year	2148

Market 1.00-1.50 lower.

Wholesale, 48.00-50.00; lightweight, 44.00-49.00; heavyweight, 43.00-47.00; retail, 51.00-53.00; sows, 38.00-44.00; boars, 33.00-42.00.

Indianapolis Hogs

Thursday, May 31

Report supplied by USDA

1000. Barrows and gilts moderately active, mostly 1.00 higher.

BARROWS & GILTS: US 1-2 215-250 lb. 49.00-49.50. US 1-3 220-275 lb. 48.00-49.00.

SOWS: Active, steady-1.00 lower t/last test. (69) US 1-2 & Medium 400-550 lb. 40.00-42.00. US 1-3 500-700 lb. 43.00-45.00.

BOARS: Under 250 lb. 38.50; over 350 lb. 36.00.

St. Louis Hogs

Thursday, May 31

Report supplied by USDA

4500. Barrows & gilts very active, 1.00-1.50 higher.

BARROWS & GILTS: US 1-2 210-260 lb. 49.00-49.25. US 1-3 210-270 lb. 48.50-49.00, few 270-290 lb. 47.50-48.50.

SOWS: Uneven, wts. under 500 lb. steady-25 higher; over 500 lb. uneven, generally steady. (About 10%) US 1-3 300-500 lb. 42.00-42.25; over 500 lb. 42.00-43.50.

BOARS: Over 250 lb. 37.50; under 250 lb. 41.00.

Peoria Hogs

Thursday, May 31

Report supplied by USDA

2500. (Currently 500 over) Barrows & gilts active, 1.00-1.50 higher.

BARROWS AND GILTS: US 1-2 220-250 lb. 49.00-49.50. US 1-3 200-250 lb. 48.00-49.00.

SOWS: Fully steady. (15%) US 1-3 350-500 lb. 42.00-42.50, few 43.00; 500-650 lb. 42.50-43.00.

BOARS: Over 350 lb. 37.75; 250-350 lb. 37.00; under 250 lb. 41.00-42.00.

Westminster Feeder Pigs

Friday, May 25

Report supplied by auction

823 pigs: Compared to last month prices were fully $10.00 higher. All pigs weighed on arrival and sold by the pound.

US 1&2: 46 head 31-33 lbs. 129.00-132.00; 261 head 42-49 lbs. 109.00-118.00; 184 head 51-59 lbs. 100.00-113.00; 65 head 64-69 lbs. 92.00-100.00; 49 head 78-79 lbs. 81.00-84.00; 52 head 80-89 lbs. 81.00-87.00; 8 head 91 lbs. 76.00.

US 2: 23 head 17 lbs. 143.00; 13 head 24-29 lbs. 131.00-132.00; 70 head 35-37 lbs. 106.00-119.00; 33 lbs. 41-55 lbs. 76.00-101.00.

US 2&3: 9 head 23-26 lbs. 123.00-129.00.

Next sale June 22nd, 1:30 P.M.

Belleville Livestock

Belleville, Pa.

Wednesday, May 30, 1984

Report Supplied by PDA

CATTLE 151. Compared with last Wednesday's market, slaughter cows 50 cents to 1.25 lower. Good 55.35-58.35, Individual Good Heifer at 55.60. Breaking Utility & Commercial slaughter cows 43.50-46.25, Individual at 47.75, Cutter & Boning Utility 44-44.50, Canner & Low Cutter 37-40.00, Shells down to 20.50. Yield Grade #1 955-2075 lbs. slaughter bulls 45.85-54.50.

FEEDER CATTLE. Medium Frame #1 400-750 lbs. feeder steers 38.50-45.25.

CALVES 145. Few Good 67-74.00, Standard & Good 70-105 lbs. 53-63.00. Few Utility 60-85 lbs. 42.50-50.00.

FARM CALVES. Holstein Bulls 90-130 lbs. 70-118.00, mostly 95-115.00.

HOGS 323. Barrows & gilts steady to 1.00 lower. US No. 1-2 210-245 lbs. barrows & gilts 48-49.25, Couple to 50.00, No. 1-3 205-265 lbs. 46-48.25. Sows: Few US No. 1-3 475-650 lbs. sows 40.25-45.00. Few Boars 30-35.00.

FEEDER PIGS 305. US No. 1-3 20-35 lbs. feeder pigs 25.50-38.00 per head. No. 1-3 35-50 lbs. 36-42.00, few lots 55-65 lbs. 45.50-60.00.

SHEEP 61. Good & Choice 60-95 lbs. 59-70.00, Couple to 82.00. Slaughter ewes 11.50-25.00. Goats 21: Large 21-55.00 per head. Kids 15-25.00 per head.

HOLSTEIN DAIRY COWS 590 — 1225 PER HEAD.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Week to Date (Est.)	425,000	31,000	973,000	79,000
Same Period Last Week (Est.)	546,000	39,000	1,252,000	92,000
Same Period Last Year (Act.)	412,000	32,000	975,000	79,000

Futures Trading

(Closing Bids as of Thursday, May 31)

Mo.	Chicago Cattle	Chicago Hogs	NY Maine Potatoes
June	64.62	51.60	
July		56.07	
Aug.	62.60	56.95	
Oct.	62.15	55.45	
Nov.			3.37
Dec.	63.75	55.52	
Feb. '85	64.07	56.12	
May '85			4.39

Trends - Cattle - weaker; Hogs - weaker; Potatoes - sideways.
Market Provided by Merrill-Lynch Commodities, York

Chicago Grain Futures

(Closing Bids as of Thursday, May 31)

Mo.	Corn	Wheat	Soybeans	Soybean Meal
July	3.50½	3.56	8.47	195.40
Aug.			8.43	197.80
Sept.	3.25¾	3.60¼	7.86¼	196.50
Nov.			7.45½	
Dec.	3.03	3.75¾		192.50
Jan. '85			7.54¼	
Mar. '85	3.12¼	3.86¼	7.66¾	
May '85	3.16½	3.90½	7.77	

Trends - Corn - stronger; Wheat - stronger; Soybeans - stronger; Soybean Meal - stronger.

Market Provided by Merrill-Lynch Commodities, York

ATTENTION HOG PRODUCERS

Now you have a choice of marketing your fat hogs on any one of 4 days a week through Walter M. Dunlap and Sons.

The starting times for each day are as follows:

Monday at 11 A.M., Tuesday at 10 A.M., Wednesday and Saturday at 8 A.M.

Consign your fat hogs to Walter M. Dunlap and Sons where they will be handled by experienced and capable personnel. All hogs weighed upon arrival.

For market information contact Ken Smoker or Ollie Nagle at 717-397-5136.

FEEDER PIG SALE
Every Tuesday - Starting at 1 P.M.

Walter M. Dunlap and Sons
Lancaster Stockyards
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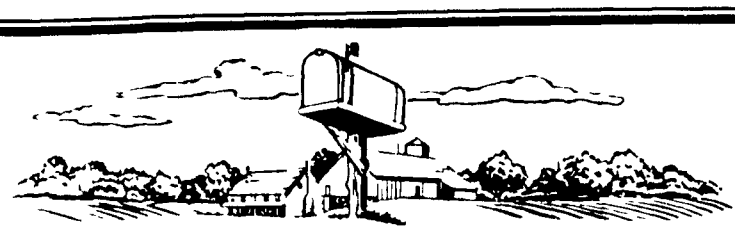

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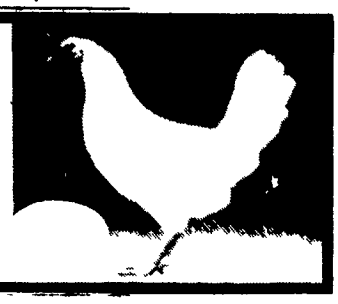
POULTRY MARKETS



Nest Run Eggs

Prices are from Egg Clearinghouse, Inc., (ECI) Durham, N.H. and reflect trading prices for gradable nest run eggs (GNR) on ECI, a nationwide trading center for producers, packers and marketers. GNR eggs are classified by weight in 30-dozen cases, and traded in lots of either 300 or 750 cases. Prices are FOB buyers dock, and are computed Tuesday and Thursday of each week. This week's prices for each classification were:

Classification		DATE May 29 Tuesday	DATE May 31 Thursday
Class 1 - Large	48 lbs.	.60	.57
Class 2 - Large	45 lbs.	.57	.55
Class 3 - Medium	42 lbs.	.52	.52
Class 4 - Small	39 lbs.	.38	.36
Breaking Stock	48 lbs.	.51	.48
Checks	48 lbs.	.46	.43

N.E. Weekly Shell Egg Report

Tuesday, May 29
Report supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
MASS.X	.98-1.00	.96-.98	.85-.87	.73-.75
Mostly	.98	.96	.85	.73
N. HAMP.	.85-.89	.82-.86	.66-.70	.49-.53
Mostly	.87-.88	.84-.85	.68-.69	.51-.52
R.I.	.86-.92	.83-.89	.67-.73	.50-.56
Mostly	.86-.88	.83-.85	.67-.69	.50-.52
VERMONT	1.00-1.05	.95-.99	.79-.81	–
Mostly	1.05	.99	.80	–
MAINE	.92-.97	.89-.94	.73-.77	.56-.61

X Includes Central and Western Sections only.

Eastern Pa. & N.J. Poultry

Wednesday, May 30
Report supplied by USDA

Market Comment: Prices are lower for this week's spotty trading with bid prices for next week's arrivals trending lower in spite of relatively limited offerings. Finished product sales are slow to fair.

Prices Paid at Farm:
Light Type Hens: 9-11.
F.O.B. Plant: 12-14½.

Philadelphia Eggs

Thursday, May 31
Report supplied by USDA

MARKET COMMENT: Prices unchanged. Cartoned egg movement is light to fair and generally disappointing. Floor stocks of large are at least fully adequate. Extra large and jumbos are about adequate. Mediums and mainly smalls are currently in excess and difficult to move. Undertone barely steady on large sizes. Weak on mediums.

Prices to retailers: sales to volume buyers, consumer grades white eggs in cartons delivered store door:

A Extra Large .72-.75½; A Large .71-.74½; A Medium .61-.66.

New York Multiple Drop Broiler Report

Thursday, May 31
Report supplied by USDA

Current broiler/fryer negotiated prices for immediate delivery includes mostly multiple-drop shipments to New York City from Delmarva.

RANGE: U.S. Grade A .58-.63; Weighted AVG.: U.S. Grade A 61.63; Premium (X) Boxes 11,046.

(X) Includes special services, selected competitive brands, etc.

Heinsey's Poultry Market

Root's, East Petersburg
Tuesday, May 29
Report supplied by auction

RABBITS: 4-6 lbs. range 1.00-1.18 per lb.

RABBITS: 7-11 lbs. range .40-.82 per lb.

BUNNIES: range 1.00-2.00 ea.

GUINEA PIGS: range 1.25-2.50 ea.

GOATS: range 20.00-31.00 ea.

KID GOATS: range 25.00-38.00 ea.

TOTAL NUMBER COOPS: 290.

Weekly New York Egg Market

From Friday, May 25 to Thursday, May 31

		Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE						
Jumbo		.81		.81	.81	.80
Ex Large		.78		.78	.78	.75
Large		.75	C	.75	.75	.72
Mediums		.66	L	.66	.64	.61
Pullets		.53	O	.53	.50	.47
Off Grade		.65	S	.65	.65	.62
BROWN						
Jumbo		–	E	–	–	–
Ex Large		.86	D	.86	.86	.86
Large		.85		.85	.85	.82
Mediums		.69		.69	.67	.65
Pullets	Unquoted					
Peewees	Unquoted					
Off Grade						
Undergrades		.46		.45	.45	.44
Checks		.44		.43	.43	.42

Breaking Stock: Friday - 15.90-16.20, 16.20-16.50; Tuesday - 15.60-15.90, 15.90-16.20; Wednesday - 15.30-15.60, 15.60-15.90; Thursday - 15.00-15.60, 15.30-15.90.

Delmarva Poultry

Thursday, May 31
Report supplied by USDA

Market Comment: Ready to cook movement of whole birds is fair and current production is usually cleared to seller's satisfaction. Trading on legs, leg quarters and wings is showing improvement at lower price levels. Cutlets and breasts generally clear well.

Slaughter schedules remain heavy. Weights mostly desirable to heavy. Undertone about steady.

Today's L.T.L. asking prices are unchanged on U.S. Grade A at 58-63 cents.

Estamated slaughter of broiler fryers in Delmarva (000).

Estimated 5/31 2,004; Actual 5/24 1,977; Actual 5/29 1,997; Average Weights 5/29 4.26; Average Weights 5/22 4.32.

New Holland Dairy

New Holland Sales Stables
Wednesday, May 30
Report supplied by auction

Reported receipts of 59 cows, 73 heifers, and 3 bulls.

Market steady.

Load of PA Fresh cows 875.00-1125.00.

Load of PA Fresh cows 560.00-1050.00.

Load of PA Fresh cows 800.00-1230.00.

Load of Luzerne Co. springers 600.00-830.00.

Load of Canada Fresh cows 850.00-1425.00, springers 950.00-1050.00.

Locally consigned cows 450.00-960.00.

Spring heifers 525.00-1100.00.

Open heifers 270.00-400.00.

Bulls 440.00-530.00.

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Office: 22 E. Main St., Lititz, PA 17543
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Robert G. Campbell, Publisher
Dick Anglestein, Editor
Suzanne Keene, Home Editor
Jack Hubley, Associate Editor
Laura England, Associate Editor

NEWS CORRESPONDENTS

Patty Gross, Bedford, Blair, Huntingdon counties
Martinsburg 814-793-4256

Robin Phillips, Berks County
Mohrsville 215-926-1261

Jane Bresee, Bradford County
Ulster 717-358-3346

Beth Hemminger, Cumberland, Franklin and Perry counties
Newville 717-486-5322

Sally B Bair, Lancaster County
Columbia

Joyce Bupp, York County
Seven Valleys

Nancy Kunick, Crawford & surrounding counties
Centerville 814-694-2571

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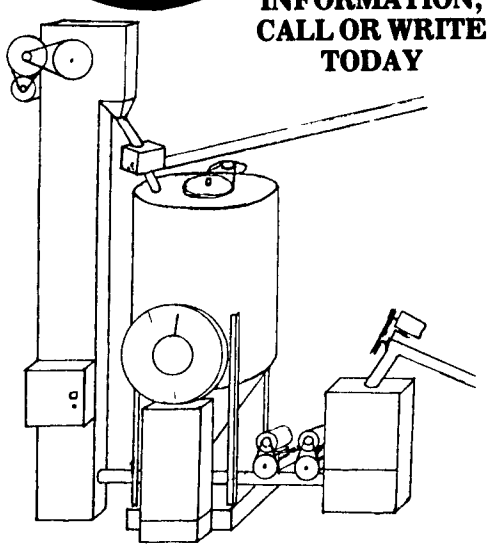

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+ Well trained "Dairy Specialists" who can help solve problems when they occur.

Here is what it costs to make your own 16% grind and mix ration

Ingredients	Cost/Unit	Total Cost	Crude Protein
430 lbs. 48% Soybean Meal	$238.00/Ton	$51.17	206 lbs.
710 lbs. Shell Corn	$ 4.15/Bushel	$52.62	60 lbs.
700 lbs. Ear Corn	$135.00/Ton	$47.25	54 lbs.
100 lbs. Molasses	$ 7.50/100 lbs.	$ 7.50	3 lbs.
60 lbs. Vitamin-Mineral Premix	$ 23.50/50 lb. bag	$28.20	—0—
Grinding & Mixing	$ 9.50/Hammermill Mix	$ 7.95	—0—

TOTAL COST PER TON: $194.69 323 lbs. = 16.1%

Includes 4 ton volume discount and cash discount of 2½% due 15th following month.
Prices effective June 4, 1984 and subject to change with grain markets.

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HAY MARKETS

New Holland Hay

New Holland Sales Stables
Monday, May 28
Report supplied by auction

84 loads. Market steady on all grades of hay, straw and corn. Some choice alfalfa and mixed higher.

Alfalfa, few sm. lds choice Alfalfa mix, 180.00-206.00, fair quality Alfalfa, 120.00-150.00, some off colore 1st cutting, 100.00-120.00, mixed mostly, 120.00-140.00, few choice lds. up to 185.00, 1 ld. new hay, 90.00.

Timothy, 100.00-132.00; Clover, 112.00-150.00; Mixed Grass, 90.00-138.00, mostly 95.00-105.00; Ear Corn, 127.00-150.00.

Carol County Hay

Tuesday, May 15

4 loads. Alfalfa and Timothy 145.00; Timothy and Orchard Grass 102.00; Orchard Grass and Meadow Grass 92.00; Timothy and Clover 2.40 a bale.

Tuesday, May 22

5 loads. Timothy and Clover 75.00-99.00; Straw 86.00; Mulch Hay 46.00.

Tuesday, May 29

4 loads. Alfalfa old crop 97.50-114.00; Alfalfa new crop 105.00; Timothy and Orchard Grass 70.00. Market will run every Tuesday in June.

Good's Hay

Leola, Pa.
Wednesday, May 30
Report supplied by auction

103 loads.

Mixed Hay, 99.00-162.50; Straw, 108.00-122.00; Alfalfa, 100.00-200.00; Timothy, 90.00-129.00; Corn, 130.00-144.00.

Clover, 88.00; Mulch, 50.00 ld.; Corn Fodder, 70.00 ld.; Oats, 2.85, 2.95 bu.

Frederick Co. Hay

Buckeystown, Md.
Thursday, May 31
Report supplied by auction

17 loads; market steady. Alfalfa good 150.25-160.75; 1 new load at 115.00; Alfalfa mixed 110.00; Timothy 4 loads fairly good 125.00-145.00; 1 load fair 93.00; Mixed hay 4 loads fair-good, some dark 67.50-97.50; Orchard grass new 81.00-85.00; Straw bright 101.00-113.00.

Market closed for the season. Will reopen October 4.

Belleville Hay

Belleville, Pa.
Wednesday, May 23
Report supplied by PDA

19 Loads Hay & 2 Loads Straw.

Mixed hay 77.50-162.50, mostly 87.50-137.50; Straw 62.50 & 100.00.

Dewart Hay

Dewart, Pa.
Monday, May 21
Report supplied by PDA

5 Loads hay and one Straw.

Mixed hay 80.00-86.00, one load 119.00; Straw, one load at 71.00; Ear Corn, 3 loads 108.00-111.00.

Regional Hay

Friday, May 25
Report supplied by PDA

Hay & Straw Market for Eastern Pa.

(All hay No. 2 and better, prices paid by dealers at the farm, and per ton.)

Hay slow, little demand, prices steady to weak, Rain delaying first cutting; Straws steady.

Alfalfa 100.00-130.00, few 140.00; Mixed Hay 80.00-95.00; Timothy Hay 75.00-90.00; Straw 60.00-85.00; Mulch 35.00-55.00.

Green Dragon Hay

Ephrata, Pa.
Friday, May 25
Report supplied by PDA

71 Loads Hay & 20 Loads Straw.

Alfalfa 103.00-160.00, mostly 132.00-147.00; mixed hay 70.00-161.00, mostly 80.00-100.00; Timothy hay, few 90.00-102.00, couple to 134.00; Clover, one load 121.00; Orchard grass, one load 90.00; Straw 90.00-110.00, few to 127.00; Ear Corn, 11 loads 127.00-144.00, one load 101.00; Oats, 2 loads 2.75 & 3.05 per bu.

Leinbach's Hay

Shippensburg, Pa.
Sat., May 26 & Tues., May 29
Report supplied by auction

28 loads.

Alfalfa 106.00-161.00; Mixed hay 88.00-134.00; Timothy 86.00-125.00; Clover 85.00-101.00; Straw 75.00-80.00; Ear Corn 98.00-140.00; Oats 2.85 bu.; Mulch hay 50.00; Firewood 30.00 pickup.

Hay sale will be held only on Tuesday at noon throughout the summer.

Keister's Hay

Middleburg, Pa.
Tuesday, May 29
Report supplied by auction

13 loads.

Alfalfa 150.00-168.00; Mixed hay 82.50-167.50; Timothy 77.50-85.00; Straw 82.50-90.00; Oats 2.60-2.70/bu.

Pa. Grain

Monday, May 29
Report supplied by PDA

Compared with last Monday's market for Southeastern, Central and South Central, PA., Corn steady to 10 cents higher; Wheat & Ear Corn steady to strong; Barley & Oats steady.

Prices paid delivered to dealers dock - (All prices per bushel, except Ear Corn per ton.)

Southeastern Pa.

Corn No. 2-y range 3.84-4.15, average 3.99, New Crop 2.98-3.18; Wheat No. 2 range 3.60-4.00, average 3.69, New Crop 3.51-3.81; Barley No. 3 range 2.60-3.00, average 2.85, New Crop 2.33-2.55; Oats No. 2 range 2.40-2.75, average 2.56; Soybeans No. 1 range 8.35-8.72, average 8.52, New Crop 7.06-7.16; Gr. Sorghum #2 New Crop 2.50; Ear Corn range 108.00-128.00; average 116.50.

Central Pa.

Corn No. 2-y range 3.80-4.05, average 3.93; Wheat No. 2 range 3.60-3.80, few reported 3.95, average 3.76; Barley No. 3 range 2.60-2.80, average 2.78; Oats No. 2 range 2.25-2.60, average 2.43; Soybeans No. 1 range 8.30-8.50, average 8.40; Ear Corn range 105.00-115.00; average 109.41.

South Central Pa.

Corn No. 2-y range 3.75-3.95, average 3.86; Wheat No. 2 range 3.50-3.70, average 3.56; Barley No. 3 range 2.65-3.00, average 2.84; Oats No. 2 range 2.30-2.85; Ear Corn range 115.00-126.00, average 118.43.

Southeastern, Central & South Central Summary

Corn No. 2-y range 3.80-4.10, average 3.95; Wheat No. 2 range 3.55-4.00, average 3.70; Barley No. 3 range 2.60-3.00, average 2.83; Oats No. 2 range 2.25-2.80, average 2.50; Ear Corn range 107.00-126.00, average 114.75.

Western Pa.

Corn No. 2-y range 3.55-3.95, average 3.77; Wheat No. 2 range 3.50-3.70, average 3.57; Barley No. 3 2.40, average 2.40; Oats No. 2 range 2.20-2.50, average 2.36; Ear Corn range 90.00-105.00, average 96.67.

East Coast Carlot

Wednesday, May 30
Report supplied by USDA

Compared to Tuesday's close: Veal trade slow. Few sales Prime Special Fed Veal generally steady. Limited sales Good and Choice Boning Veal 5.00 lower than Friday's last test, undertone remains weak. No sales inshipped veal reported. Lamb trade very slow early, undertone firm.

VEAL CARCASS
Prime (Special Fed)
Hide On 155 Head

220-280 lbs. 184.00-185.00, generally steady.

Good & Choice
Boning Type
Hide On

Northeastern Suppliers: 65-75 lbs. LTD 98.00, 5.00 lower than Friday; 55-64 lbs. LTD 96.00; 45-54 lbs. LTD 94.00; 35-44 lbs. LTD 92.00; 34 lbs. down LTD 90.00.

Inshipped: No sales reported.

Spring Lamb
Choice & Prime 3-4
1 Load

55 lbs. down 135.00.

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY

FAT HOGS

EARLY BIRD HOG SALE

For Your Protection Your Hogs Must Be Identified

10:00 AM

HORSES MULES

11:00 AM

HAY
STRAW
GRAIN

1:30 PM

BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY

12:00 NOON

DAIRY COWS

HEIFERS, BULLS

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WEDNESDAY
FEEDER PIG SALE
1:30 P.M.

We endeavor to keep our barns cleaner than yours.
State graded until 12 Noon

THURSDAY

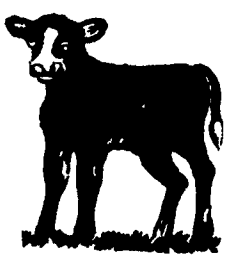
11:00 AM

BULLS -

STEERS -
BEEF COWS

3:30 P.M.

CALVES



SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Livestock market and auction news

Central U.S. Carlot

Beef Report
Wednesday, May 30
Report supplied by USDA

Compared to Tuesday's 4:00 report: Steer and Heifer Carcasses steady in light trade with very little done after noon. Offerings moderate. Demand light. The gross boxed beef cut-out value declined $.72 to an estimated $103.87 per cwt., 190 loads boxed cuts reported.

Sales reported on 68 loads of Steer and Heifer carcasses.

STEER BEEF
FOB Omaha Basis
29 Loads

Choice 3 600-900 lbs. 99.00, steady; 600-700 lbs. 98.50-99.00.

Choice 2 600-700 lbs. 99.50-100.00.

Choice 4 600-900 lbs. 84.00, steady.

Good 2 & Low 3 600-700 lbs. 96.50.

Heifer Beef
FOB Omaha Basis
39 Loads

Choice 3 550-700 lbs. 97.00, steady; 500-550 lbs. 93.00, steady; 400-500 lbs. 91.00, steady.

Choice 2 600-700 lbs. 96.50-97.50.

Choice 4 500-700 lbs. 84.00, steady.

Good 2-3 550-700 lbs. 95.00.

Good 2 & Low 3 600-700 lbs. 94.50.

Good 2-3 400-550 lbs. 84.50-85.00.

Cow Carcasses
FOB Omaha Basis
42 Loads

Generally $2.00 to $2.50 lower, Amarillo Basis $1.00 to $2.00 lower than last mid-week.

Brkg Util 2-3 450&up lbs. 69.00-71.00 MW.

Bng Util 1-3 400&up lbs. 72.00 MW.

Can&Cut 1-2 450&up lbs. 72.50-74.00.

FOB Amarillo Basis

Brkg Util 2-3 450&up lbs. 71.50.

Bng Util 1-3 400&up lbs. 71.00-73.50.

Can&Cut 1-2 350&up lbs. 73.40-74.00.

Primal Beef Cuts
1 Load
FOB Omaha Basis

Choice 3: Fores 130-210 lbs. 72.00.

Boneless Processing Beef
Beef Trimmings
FOB Omaha Basis
108 Loads

90% Chem Lean Fresh 98.00-M 99.00.

50% Chem Lean Fresh 48.00-49.50, M 48.00.

50% Chem Lean Frozen 52.00.

FOB Amarillo Basis

90% Chem Lean Fresh 100.00.

90% Chem Lean Frozen 102.00-103.00.

85% Chem Lean Fresh 94.00.

50% Chem Lean Fresh 49.00.

New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, May 28
Report supplied by auction

CATTLE 216. Few Choice slaughter steers 62.00-64.60, Good 55.00-62.00, Standard 53.00-55.00, Utility 45.00-50.00. Individual Good slaughter heifer at 59.50, Standard 54.00-58.00, Utility 48.00-53.00. Breaking Utility and Commercial slaughter cows 46.00-48.50, Cutter and Boning Utility 42.00-46.00, Canner & Low Cutter 34.00-41.75, Shells down to 24.50. Yield Grade No. 1 1200-1950 lbs. slaughter bulls 48.00-54.75, one 55.25, #2 1100-1500 lbs. 44.50-48.00.

FEEDER CATTLE: Medium Frame #1 350-575 lbs. feeder steers 44.75-55.75; Medium Frame #1 375-600 lbs. feeder heifers 40.00-48.50, #2 340-560 lbs. 37.75-44.25; Medium & Large Frame #1 500-775 lbs. feeder bulls 42.25-51.50.

CALVES 224. Individual Prime vealer at 94.00, Choice 82.00-92.50, Good 70.00-82.50, Standard 50.00-65.00, Standard & Good 85-125 lbs. 56.00-63.75, 60-85 lbs. 46.00-54.00.

FARM CALVES: Holstein Bulls 90-130 lbs. 80.00-102.00; Holstein Heifers 80-105 lbs. 65.00-75.00.

HOGS 621. Barrows, gilts and sows $1 lower. US No. 1-2 210-240 lbs. barrows and gilts 47.00-48.75, No. 1-3 205-260 lbs. 46.00-47.00, No. 2-3 210-300 lbs. 42.00-46.00. US No. 1-3 275-600 lbs. sows 35.00-44.00. BOARS 32.00-36.00.

FEEDER PIGS 53. US No. 1-3 20-35 lbs. feeder pigs 25.00-35.00 per head, No. 1-3 35-55 lbs. 30.00-37.00 per head.

SHEEP 209. High Choice & Prime 60-95 lbs. spring slaughter lambs 67.00-74.00, Choice 55-100 lbs. 60.00-69.00. Slaughter ewes 8.00-20.00.

Carlisle Livestock Auction

Carlisle, Pa.
Tuesday, May 29
Report supplied by auction

CATTLE: Steers: Good run of Holsteins, steady to 1.00 higher. High Good and Low Choice 62.50-64.25; Medium-Good Holsteins 50.50-55.75; Medium 58.00 down. Heifers: Mostly Holsteins offered. Dairy Type 43.75-51.75. Cows: 2.00 lower than last week; Earlybird pens 2.00 higher. High Yield 44.00-46.75; Average 40.00-43.50; Big Middle 35.85-39.85; Shelly 36.00 down. Fat Bulls: 2.00 higher. Good 54.00-57.25; Medium 50.50-51.25.

FEEDER CATTLE: Good run with active bidding. Steers under 200 lbs. by the head to 175.00. Steers (600-850 lb.): Medium to Good 49.50-55.00 (Holsteins). Heifers (all weights): 1.00 higher on good run. Choice 52.00-56.00; Good 48.00-52.00; Medium 48.00 down. Bulls (all weights) 1.00 higher. Choice 55.00-59.00; Good 50.00-54.00; Medium 49.00 down.

VEAL CALVES: Steady prices on large run. Choice 94.00-108.00; Good 75.00-93.00; Medium 55.00-75.00; Light/weak 54.00 down. Farm Bulls 95.00-119.00. Farm Heifers 65.00-79.00.

HOGS: Barrows & Gilts: Steady to .50 lower. 210-250 lbs. 47.35-49.50; over 260 lb. 43.00-45.60; Under 210 42.00-45.10; 2&3's 37.75-42.00.

SOWS: Steady to .50 lower. Over 450 lb. 40.00-44.25; under 450 38.00-40.50; 2&3's 37.50-39.00. Boars: .50 to 1.00 lower 34.00-36.00.

FEEDER PIGS (by the hd): Active; (20-25 lbs. 25.00-30.00 Hd.) (30-40 lbs. 36.00-47.00 Hd.) (45-50 lbs. 40.00-50.00 Hd.) Shoats (by the lb.) to 47.00.

SHEEP: Choice 61.00-69.00; Good 60.00 down. Ewes 11.00-21.00. Goats: (Lg) 30.00-39.00 (hd.) Sm./Med. 12.00-28.00 (Family 52.50) (hd.)

Next State Graded Feeder Pig Sale will be Friday, June 8, 1:30 P.M.

Oklahoma Cattle

Wednesday, May 30

Estimated Receipts:	10,000
Same Day Last Week:	14,361

Compared to this morning trade — feeder steers steady to weak. Feeder heifers 50 cents lower. For the day and compared to Tuesday — feeder steers and heifers steady to 1.00 lower. Demand good for thin cattle suitable for grazing; light demand for all other. Bulk supply medium and large frame 1 and mixed 1-2 600-900 lb. feeder steers and 500-700 lb. heifers. Thin offerings in the minority.

FEEDER STEERS: Medium and large frame 1 465 lb. 71.10; 500-600# 62.30-67.25; 600-700 lb. 60.80-64.20; 700-800 lb. 59.30-62.00; 800-900 lb. 58.60-60.40; 900-1020 lb. 58.00-59.70, load 940# partly fattened 58.20. Small frame 1 and lots mixed small and medium frame 1 475-600# 60.75-62.60; 600-700# 57.50-61.00; lot 705# 59.30; 775-875# 56.00-58.60. Medium and large frame mixed 1-2 400-500 lb. thin 67.75-70.10; consignments thin and gaunt 540 lb. 66.70, 625-630 lb. 65.80-66.05, 698 lb. 62.85; 550-600# 60.30-62.50; 600-700# 57.00-62.00, most 58.00 up; 700-800# 58.00-60.50; 800-900 lb. 56.00-59.00. Medium and large frame 2 550-700 lb. 54.00-58.50. Large frame 2 holsteins 800-985 lb. showing fill 44.40-45.20; Lot 965# 45.90.

FEEDER HEIFERS: Medium frame 1 485 lb. 57.55; 425 lb. fleshy 54.30; 575 lb. thin 57.50; 500-775 lb. 54.40-56.90; lot 805# fleshy 55.90. Small frame 1 550-800 lb. 53.00-55.50. Medium and large frame mixed 1-2 400-500 lb. 53.50-56.00; Lot thin and gaunt 490 lb. 58.80, 565 lb. mates 54.50; 500-800 lb. 51.00-55.00. Medium and large frame 2 475-675 lb. 45.00-51.00.

For The Week: Feeder Steers and heifers steady to 50 cents lower. Thin offerings suitable for grass in good demand and steady. These thin cattle scarce. Bulk receipts headed for feedlots. Light demand from feedlot accounts during the closing session. Slaughter cows and bulls steady to firm thru Wednesday.

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Livestock market and auction news

THE OLD FARMER'S ALMANAC

JUNE 4-10, 1984

Showers to ring in the end of spring.

College commencements in full swing now Third Arab-Israeli War began June 5, 1967 Average length of days for the week, 15 hours, 10 minutes Norway declared independence from Sweden June 7, 1905 First quarter of the moon June 6 (Wed) *Secretariat* became first thoroughbred in 25 years to win Triple Crown, June 9, 1973

There are few men liberal of promise but they will break some or all

Ask the Old Farmer: How can you remove calcimine from ceilings and walls? Other paint just won't stick to it Can you spackle over it and then paint? S M , Nelson, N H

Starting in one corner and working so as not to leave streaks, apply a solution of soap and water with ammonia or trisodium phosphate Then use spackle in the cracks and paint

Home Hint: Cold, strong tea does a good job of cleaning varnished woodwork

OLD FARMER'S WEATHER FORECAST

New England: Beginning of week rain south, sunny north, midweek rain coast, partly cloudy west, end of week sunny and warm

Greater New York-New Jersey Rain and cool temperatures through midweek, clear and warm weekend

Middle Atlantic Coastal Through midweek rain with cool temperatures, end of week clear and hot

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Omaha Weekly

Thursday, May 31
Report supplied by USDA

CATTLE: Slaughter Steers and Heifers at midweek closed this holiday shortened period .50 lower, instances 1.00 lower than last week's levels. Even though carcass beef trade remained steady, buyers were rather cautious and bearish as most expressed uncertainties about beef trade direction. Slaughter Cows experiencing bearish type demand, closing .50 to instances 1.00 lower than last week's levels. Slaughter Bulls steady.

Estimated 4 day receipts 9,700; actuals last week 11,898 and 10461 last year. Steers comprised 52 pct of the week's receipts, Heifers 36 pct, Cows 8 pct.; Feeder Cattle 2 pct.

SLAUGHTER STEERS: Closing sales scattered loads and lots Choice, some lots including Prime, 2-4 1050-1300 lbs. 65.50-67.50, couple loads 67.60. Choice 2-3 950-1050 lbs. 64.50-65.50. Mixed Good and Choice 2-3 950-1250 lbs. 63.50-65.50. Good 60.50-63.50.

SLAUGHTER HEIFERS: Scattered Loads and Lots Choice 2-4 950-1100 lbs. 63.50-65.00, some 875-950 lbs. 62.50-63.50. Mixed Good and Choice 2-3 900-1100 lbs. 62.00-63.50. Good 59.00-62.50.

Average of LS 214 detailed quotations for Choice 900-1100 lbs. Slaughter Steers 65.50; 1100-1300 lbs. 66.50. Average cost Slaughter Steers this week 64.85, average weight 1163 lbs. as compared to 65.65 and 1154 lbs. last week. Average cost Slaughter Heifers this week 63.03 average weight 998 lbs. as compared to 64.37 and 992 lbs. last week.

SLAUGHTER COWS: Breaking Utility and Commercial 2-3 40.50-45.00. Cutter and Boning Utility 1-2 39.00-43.00, few high dressing to 45.25. Canner and low Cutter 35.25-40.50.]

SLAUGHTER BULLS: 1-2 1300-2100 lbs. 49.50-54.00.

Westminster Livestock Auction

Westminster, Md.
Tuesday, May 22
Report supplied by auction

BUTCHER COWS: Steady to .50 lower. High Yield 47.00-49.00; Standard & Utility 41.50-46.00; Canners 39.00-42.50; Shelly 38.00 down. Slaughter Bulls- Few Good 900-1200 lb. 48.00-53.00. Fed Steers- Low to Average Choice 900-1350 lb. 60.00-64.00; Good 54.00-60.00; Few Good Holsteins 48.00-55.00.

BUTCHER HOGS: Good run, prices steady. US #1&2 215-250 lb. 2 lots 49.10; US 1&3 215-260 lb. 47.50-48.50; US 1&3 195-210 lb. 42.25-43.50. Sows- 300-475 lb. 38.00-43.00; Thin 32.00-36.00. Boars- 300-650 lb. 34.50-36.00.

VEAL CALVES: Low Choice 78.00-85.00; Good 65.00-78.00; Killers 80-100 lb. 60.00-72.00; Weak & Rough 50.00 down.

CALVES RETURNED TO FARM: Good demand. Holstein Bulls bulk 95-125 lb. 95.00-106.00.

SPRING LAMBS: 50 head. Choice 70-110 lb. 62.00-67.00; 30-50 lb. 27.00-31.00 per head; Sheep 11.00-18.00.

STOCK CATTLE: 90 head. Steers Good to Choice 300-600 lb. 57.00-64.00; Medium to Good 50.00-58.00. Heifers Choice 300-500 lb. 50.00-56.00; Good 45.00-50.00; Medium 40.00-45.00. Bulls Good 300-500 lb. 50.00-56.00; Good 500-850 lb. 42.00-49.00.

PIGS AND SHOATS: 140 head, good demand! By the Head 15-30 lb. 25.00-37.00; 30-50 lb. 33.00-48.00. By the Lb. Stock Boars 140-220 lb. 33.00-37.50.

Joliet Cattle

Thursday, May 31
Report supplied by USDA

CATTLE: Friday through Wednesday's salable receipts 2050; 5 days last week 1574; same period a year ago 2446. Trading slow for the week. Slaughter Steers ended the week steady to 1.00 lower compared with Wednesday of last week. Slaughter Heifers ended the week 50 to mostly 1.00, instances 1.50 lower.

SLAUGHTER STEERS: Choice few Prime 3-4 1200-1550# 66.50 Tuesday; 66.25-66.75 Wednesday. Choice 2-4 1100-1300# 64.00-66.00. Mixed Good and Choice 2-3 1000-1200# 62.50-64.50.

SLAUGHTER HEIFERS: Choice 2-4 925-1050# 62.50-63.75, package 64.00 Tuesday; 62.00-63.00 Wednesday. Mixed Good and Choice 2-3 850-1000# 59.00-62.00. Good 2 800-950# 53.00-59.00.

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NEXT SALE DATE JULY 6

Livestock market and auction news

Virginia Auction Summary

May 24-30
Report supplied by VDA

Total of Va. Weekly Feeder Cattle Auction Receipts: 2,996.

TREND: Steady to $3.00 lower.

Southwestern, Va.
Auction Summary
May 24-30

STEERS: 300-500 lbs. Medium 1 58.00-69.00; Large 1 60.00-70.00; Small 1 50.00-63.00. 500-700 lbs. Medium 1 57.00-64.25; Large 1 57.00-63.00; Small 1 55.00-62.25. 700-1000 lbs. Medium 1 54.00-58.00; Large 1 57.00.

HEIFERS: 300-500 lbs. Medium 1 44.75-54.00; Large 1 49.00-56.50; Small 1 44.00-49.00. 500-700 lbs. Medium 1 44.25-53.00; Large 1 45.00-54.00; Small 1 43.00; 700-900 lbs. Medium 1 43.00-46.50; Large 1 49.00.

Northern Va.
Auction Summary
May 24-30

STEERS: 300-500 lbs. Medium 1 55.00-68.00; Large 1 62.00-70.50; Small 1 52.50-62.00. 500-700 lbs. Medium 1 56.00-57.50; Large 1 61.00-71.00; Small 1 58.00-61.75. 700-1000 lbs. Medium 1 53.00-62.00; Large 1 58.00-63.00; Small 1 56.00-58.25.

HEIFERS: 300-500 lbs. Medium 1 44.00-53.00; Large 1 46.00-53.25; Small 1 41.00-47.50. 500-700 lbs. Medium 1 42.50-51.50; Large 1 44.00-53.75; Small 1 41.50-48.50. 700-900 lbs. Medium 1 45.50-49.75.

Southeast Va.
Auction Summary
May 24-30

STEERS: 300-500 lbs. Medium 1 56.00-61.00; Small 1 53.00-54.25. 500-700 lbs. Medium 1 54.00-55.50.

HEIFERS: 500-700 lbs. Medium 1 47.00-52.00; Small 1 45.25-47.00.

Central U.S. Carlot

Pork Report
Wednesday, May 30
Report supplied by USDA

Compared to Tuesday's 4:00 report: Fresh Pork Loins 14-17 lbs. $1.50 to $2.00 higher, 17-22 lbs. firm. Spareribs steady. Skinned Hams steady. Sdls Bellies $.50 to $1.00 higher. Trading slow to moderate. Demand moderate to good. Offerings moderate.

Sales reported on 40 loads of Fresh Pork Cuts and 11 loads of Trimmings and Boneless Processing Pork.

Fresh Pork Cuts

LOINS: (Regular) 14-17 lbs. 96.50-97.50, CPL 95.00, 1.50-2.50 higher; 17-22 lbs. 92.00-92.50, firm.

LOINS: (Retail Trim) 14-17 lbs. 107.00, load 105.00.

SPARERIBS: 3.5&down lbs. 130.00-132.00, generally steady; 3.5-5.5 lbs. 105.00-106.50, no comparison.

HAMS (Skinned): 17-20 lbs. 66.75, steady; 20-26 lbs. 63.50; 26-34 lbs. 59.50, steady; 26&up lbs. 59.00, steady.

BELLIES (Sdls -Skin On): 10-12 lbs. 53.00-54.00; 12-14 lbs. 56.00-59.00; 16-18 lbs. 55.00, 1.00 higher; 18-20 lbs. 48.50-49.00, load 48.00, .50-1.00 higher; 20-25 lbs. 46.50, 1.00 higher.

Pork Trimmings
Boneless Processing Pork
(Chemical Lean)

42% Lean Trimmings Fresh 47.50, no comparison.

72% Lean Trimmings Fresh 67.00-67.50, no comparison.

72% Lean Trimmings Frozen 69.00, no comparison.

72% Boneless Picnics Fresh 72.00-72.50.

Keister's Livestock

Middleburg, Pa.
Tuesday, May 29, 1984
Report Supplied by Auction

CATTLE 378. Compared with last Tuesday's market, High Choice & Prime slaughter steers 66-67.35, Choice slaughter steers 64-67.10, Good 58-64.00, Standard 50-58.00, Utility 45-50.00. Good slaughter heifers 55-60.85, Standard 45-55.00, Utility 38-45.00. Breaking Utility & Commercial slaughter cows 45-47.85, few 49.50, Cutter & Boning Utility 42-46.75, Canner & Low Cutter 38-42.00, Shells down to 32.00. Good Bullocks 55-58.25. Yield Grade #1 1200-2285 lbs. slaughter bulls 52-57.35, Yield Grade #2 800-1200 lbs. 45-52.00.

FEEDER CATTLE 350-875 lbs. feeder steers 45-50.50, 350-700 lbs. feeder heifers 35-50.50, 350-700 lbs. feeder bulls 38-58.00.

CALVES 162. Choice Vealers 79.90.00, Good 65-75.00, Standard & Good 85-115 lbs. 60-75.00, Utility 60-85 lbs. 50-60.00.

FARM CALVES. Holstein Bulls 90-120 lbs. 65-125.00.

HOGS 567. US No. 1-2 210-235 lbs. barrows & gilts 49.75-51.60, No. 1-3 190-250 lbs. 48.75-49.75, No. 2-3 190-270 lbs. 44.75-48.75. Sows: US No. 1-3 340-615 lbs. sows 40-43.75, No. 2-3 300-500 lbs. 32-40.00. Boars 32-37.50.

FEEDER PIGS 281. US No. 1-3 10-25 lbs. feeder pigs 20-35.00 per head, No. 1-3 25-50 lbs. 35-53.50.

SHEEP 46. Choice 50-85 lbs. spring slaughter lambs 58-63.00, Good 40-58.00. Slaughter ewes 15-35.00.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, May 29
Report supplied by auction

Beef Cows: Utility and Commercial 44.25-54.00; Cutters 39.10-43.25; Canners 35.00-38.85; Shells 32.00.

Heifers: Good 54.50-57.00; Standard 46.50-52.50; Commercial 40.10-44.00.

Steers: Choice 59.75-62.50; Good 55.00-57.50; Standard 51.25-54.00.

Bulls: Good 52.10-56.10; Standard 49.85-51.75.

Veal Calves: Prime 102.00-111.00; Choice 88.00-101.00; Good 71.00-87.00; Standard 52.00-67.00; Utility 44.00-51.00.

Farm Calves: Bulls 90.00-112.00; Heifers 65.00-75.00.

Hogs: 45.85-47.60.

Sows: 40.25-44.50.

Boars: 31.25-35.75.

Shoats: 25-30 lbs. per head 27.00-32.00; 30-35 lbs. per head 30.00-42.00; 35-50 lbs. per head 40.00-47.00.

Lambs: 58.00-60.50.

Sheep: 12.00-22.00.

Goats per head 12.00-35.00.

Valley Livestock

Valley Stockyards
Athens, Pa.
Monday, May 28
Report supplied by auction

Holstein Hfr. Calves to 88.00; Veal Calves 65.00-87.00; Vealer Bull Calves 80.00-126.00; Slaughter Calves 55.00-70.00; Grassers & Feeders 34.00-49.75; Lambs Spring 50.00-94.00; Sheep 15.00-28.00; Hogs, 200 to 250 40.00-45.50; Sows 33.00-38.00; Boars 30.00-40.50; Pigs 15.00-30.50; Heifers 42.50-48.25; Steers, medium 44.00-46.50; Steers, feeder 38.00-50.00; Bulls 43.00-54.00; Cows, utility 39.00-44.00, top 50.00; Cows, fat 40.00-43.00; Cows, medium 36.00-39.00; Cows, poor or small 30.00-36.00; Cattle Market steady; Calf Market higher; Horses small to 310.00; Ponies to 72.50; Goats 10.00-40.00.

Lebanon Valley Livestock

Fredericksburg, Pa.
Tuesday, May 29, 1984
Report Supplied by PDA

CATTLE 210. Compared with last Tuesday's market, slaughter cows steady to 2.00 lower. Few Choice Yield Grade 2-4 1160-1380 lbs. slaughter steers 63.50-66.25, Choice Holsteins 57-59.50, Good 59-63.50, Holstein 54.50-58.00, Standard 51.50-55.25. Few Choice slaughter heifers 59-59.75, Good 55-58.75, few Standard 47-55.10. Breaking Utility & Commercial slaughter cows 44.50-47.75, Couple to 52.00, Cutter & Boning Utility 40.50-45.50, Couple to 47.00, Canner & Low Cutter 38-41.50, Shells down to 35.00. Yield Grade #1 990-1975 lbs. slaughter bulls 46.75-54.75.

CALVES 181. Few Choice Vealers 79-91.00, few Good 70-75.00, Standard & Good 75-105 lbs. 61-70.00, few Utility 55-85 lbs. 40-57.00.

FARM CALVES. Holstein Bulls 90-130 lbs. mostly 90-108.00, few down to 70.00.

HOGS 116. Barrows & gilts 50 cents lower. Few lots US No. 1-2 220-235 lbs. barrows & gilts 47.75-48.50, No. 1-3 215-260 lbs. 47-48.25. Sows: US No. 1-3 330-560 lbs. sows 37.25-44.50. Few Boars 27.25-30.50.

FEEDER PIGS 29. Few lots US No. 1-3 30-35 lbs. feeder pigs 68-73.00 per hundredweight.

SHEEP 21. Few Choice 50-60 lbs. spring slaughter lambs 57-63.00. Slaughter ewes 11.00-27.00.

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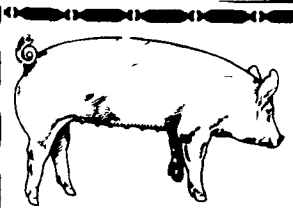
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FOR FARM-HOME-INDUSTRY
June is dairy month
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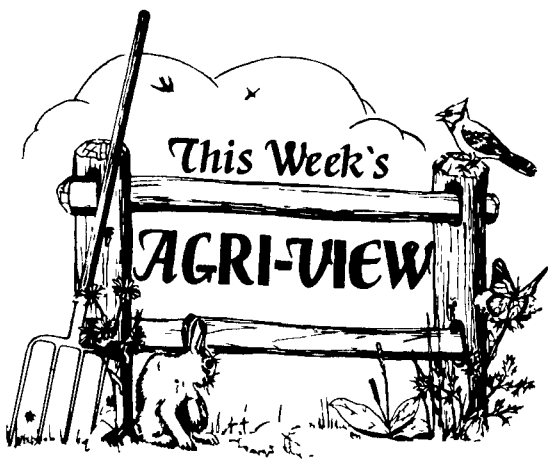


BY DICK ANGLESTEIN

OPEN MIND

What's the Number One need of milk promotion in Pennsylvania?

After attending Thursday's session of the state's new milk promotion committee in Harrisburg, I'd have to say the continuing top need is an "open mind."

The age-old thorn of contention of generic vs. brand name advertising surfaced again on Thursday and the committee essentially copped out by tabling a motion to recommend that brand name advertising be considered in milk promotion.

If the committee this early in the game is going to bog itself down in past prejudices and closed thinking, then it's time for it to re-evaluate itself and its role.

A rather impassioned plea was made at the session by a committee member for an open mind concerning milk and its promotion We heartily agree. Each member needs to do some serious thinking in the solitude of the barn or tractor cab.

It's entirely up to the committee to decide how milk should be promoted in Pennsylvania. But these decisions need to be made on fresh, clear, current thinking and not on prejudiced opinions that have been passed down through families and organizations just like the color of tractor that's bought.

PMMB

This is not the time to make any drastic changes in the program of the Pennsylvania Milk Marketing Board. The dairy industry in Pennsylvania has enough problems without throwing another fly into the bulk tank.

Let's get the state milk promotion program off to a good start. Let's get more milk consumed. Let's bring some profit back into all of farming.

BUT . the handwriting is on the wall. Changes in the PMMB will be coming one day.

Once the dairy industry gets itself back on a sound footing, it should get rid of all of its crutches, including the regulation of prices and government in general.

Grandmom Heidi used to say that "you can't have your cake and eat it, too." If the dairy industry wants to "play" with the big boys, like Coke and Pepsi in the free enterprise system, then it must do so like a big boy, without any apron strings attached.

DAIRY SIGNUPS

There are still about two-thirds of the eligible dairy farmers out there who don't take part in a federally regulated promotion program who haven't signed up yet for the state program.

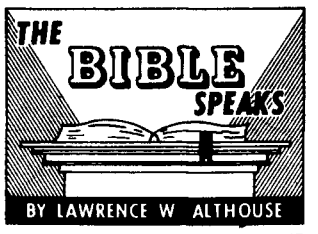
Let's get those authorization cards back to the state.

Your money is going to be deducted anyway. It makes more sense that two-thirds of it stay right here in Pennsylvania. Remember: the farther your money is spent from your own pocketbook, the less good it is going to do for you.

DAIRY ISSUE

We hope you like this Dairy Issue. And from all of us at Lancaster Farming, may we echo Otis' comment down below:

HAPPY DAIRY MONTH



THE PEOPLE'S CHOICE

June 3, 1984

Background Scriptures:
1 Samuel 8;12.
Devotional Reading:
1 Samuel 8:4-9.

The situation that confronted Samuel seems entirely alien and incomparable to our own times.

The age of the Judges of Israel was drawing to a close. Samuel was the last of these Judges — who were not "judges" in the judicial sense, but temporary leaders — and now his own ministry was drawing to a close.

During this period of Hebrew history, the tribes of Israel flourished without a single centralized leadership. They were bound together in a loose tribal confederation that waxed in times of mutual peril and waned in periods of prosperity and security.

When challenges came to any or all of the twelve tribes, we are told that "God raised up a leader" — Jephthah, Samson, Gideon — to meet the threat. But when the crisis had passed, for the most part, the Judge faded from the scene.

GIVE US A KING!

Now, with Samuel obviously in his last days and the Amorites threatening to overrun the land, the people come to Samuel asking for God to send them a king. It seems a reasonable enough request: why shouldn't they have a designated leader?

Samuel's response is a surprising one: he's utterly against the choice of a king. Furthermore he indicates that their desire to have one is a sin against God, a rejection of his leadership.

What possible relevance can this archaic situation have for us today? Are we implying the God is against us having duly constituted political authority? If God opposed the crowning of a king for Israel does that mean he is equally antagonistic to our election of mayors, governors, a Congress, or a President?

Yet, perhaps Samuel and his times are closer to us than is immediately apparent.

If we read 1 Samuel 12 carefully, we find that it is not the king per se that is the issue Samuel is raising. His concern is that the people will transfer to a human king the faith and dependence they had previously posited in the Lord. And that is where we find their story becoming our story; it is a continuing human tendency to look to human leaders to do and mean what only God can do and mean.

SERVE THE LORD

We are presently in the midst of an intensive — and sometimes wearying — campaign to elect a President for these United States. It is not only right but necessary for us to do so. But we need to realize that no human President can do for us what has to be done. He or she cannot be God and we must resist the temptation to look to Presidency to give us what only God can give.

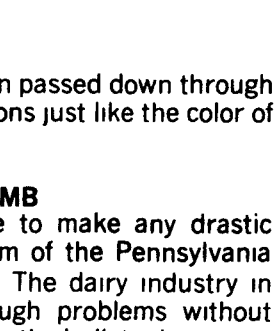
Thus, Samuel's counsel — archaic as it is — is timely and appropriate: "...if both you and the king who reigns over you will follow the Lord your God, it will be well" (12:14b).

Let that be the People's choice.

NOW IS THE TIME

By Jay Irwin

Lancaster County Agriculture Agent
Phone 717-394-6851



To Be Alert For Corn Pests

We are into the season for cutworm damage on corn and this includes the black cutworm. Just a reminder to keep a close check on all corn fields for the next few weeks. Damage symptoms will be plants cut off just above the ground level. The culprit will be hiding in the soil a few inches from the cut plant. We suggest a rescue treatment if 2-3% of the plants are cut and you can find more than 5 larvae per 100 plants. Remember the black cutworm is the one with the granular skin. The control materials listed in the 1983-84 Agronomy Guide include Lorsban or Sevin or Parathion or Permcap or Dylox or a newer material Permethrin. Be sure to follow all label directions.

To Practice Bio-Security

Livestock and poultry diseases continue to be a threat to farmers. I still feel that in too many cases the farmer brings the infection home to his own animals and poultry. Are you careful about the footwear worn when attending the public stock yards or sales barns? Most of these places are an outlet for animals with some infection; the chances of picking up these organisms on your boots or shoes are very great. Even though the public places are often disinfected, there is still danger of infection. We urge farmers to be very careful with their sanitary habits. The same is true when using public trucks to transport animals; be sure they are clean and well disinfected. Don't be quilty of bringing home infection to your own animals.

To Be Aware of Hot Hay

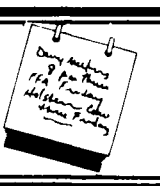
Many farmers may have been forced to bale hay at higher-than-usual moisture levels in order to get the first cutting of hay into the barn between brief breaks in the weather. This can result in excessive heating, spoilage and possible a barn fire due to spontaneous combustion. If you suspect your hay is hot, check its temperature. Drive a pipe down into the hay mow at several locations, and lower a thermometer into the pipe. Temperatures will rise to 120° F during normal sweating and then drop back. At 150° F, you are entering the danger zone, and temperatures should be checked daily. A 160° F you are in the danger zone and temperatures should be monitored every 4 hours. Hot spots or fire pockets may be anticipated at 175° F; alert your fire company. At 185° F, start removing the hay; be careful you don't fall into a fire pocket; have fire protection and rescue service standing by.

To Clip Pastures

Mowing permanent pastures at this time of year is a very good idea. Many of the plants will be heading out and some will go to seed; this means that the plants should be mowed. This practice will help control weeds and encourage new growth of grass.

Livestock will consume the dry clippings. Pastures should be clipped several times during the season. In addition, the clipped area will look much better to the general public as they travel through the country.

Farm Calendar



Saturday, June 2
HAPPY DAIRY MONTH.
Pa. Sheep Field Day, 9 a.m., Mercer County 4-H and Extension Center.
Hunterdon County, N.J. Grape Day and Commercial Small Fruit Meeting, King's Road Winery, Rt. 579, Pattenburg, N.J. 3 p.m.

Sunday, June 3
32 Annual Convention of Pa. Food Merchants Association, Monroeville Exposition Mart, continues through Tuesday.

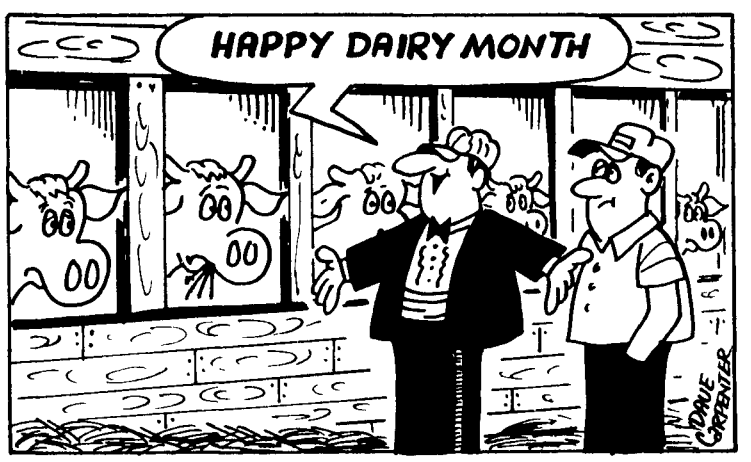
Tuesday, June 5
Hunterdon County, N.J. Sheep Breeders Association, Extension Center, 8 p.m.
Cedar Crest Young Farmers Banquet, 7 p.m., Schaefferstown Fire Hall.

Wednesday, June 6
Hunterdon County, N.J. Board of Agriculture, Extension Center, 8 p.m.

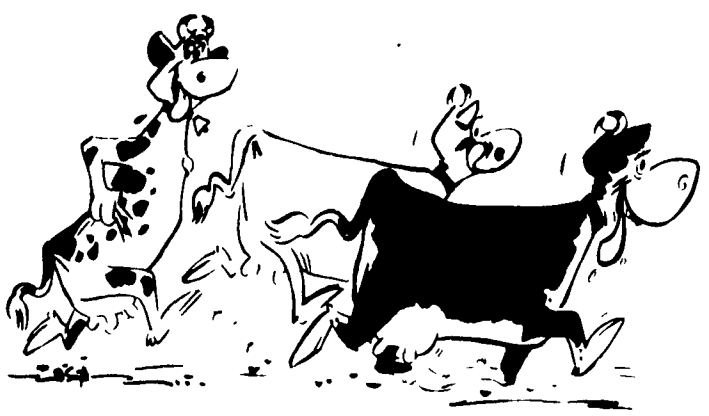
Friday, June 8
Dairy Month - Mike Schmidt "Growth" Posters to be given away at Phillies-Pirates twi-night double-header, 5:30 p.m., Veterans Stadium.

Saturday, June 9
Dauphin County Dairy Princess Contest.
Dairy Month Cal Ripken Jr. "Growth" poster give-away at Orioles-Tigers game, 3:30 p.m., Baltimore.
Strawberry Festival, orchard and farm tour, 9 a.m.-4 p.m., Blevins Fruit Farm, R1 Stewartstown.
Hunterdon County, N.J. Dairy Princess Contest and Milk Promotion, Turntable Junction.
Pa. Lamb Cook-Off Contest at Grand Opening of Appalachian Lamb Company, Greencastle.

Otis



Salute TO THE Dairy Industry



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June is dairy month

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REMEMBER — When you stop by our dealership or when your farm consultant stops at your farm - Ask about the more than 30 Purina Milk Generators, Purina Complete Feeds, or a dealer complete feed made with Purina concentrates.

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* DAVIS FEED OF BUCKS CO.
Perkasie, Pa.
215/257-2966

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Careful Sanitation | Good Feeding
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* PHILLIPS FEED SERVICE
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215/837-6061

* OLEY VALLEY FEED
Oley, Pa
215/987-3569

* MORGANTOWN FEED INC.
Morgantown, Pa
215/286-9029

All armed with $10 bills

Mystery tippers begin invasion of the state's restaurants

BY LAURA ENGLAND

STATE COLLEGE — Waitresses and waiters of Pennsylvania beware. Civilians disguised as "mystery tippers" will be invading the state's restaurants during June Dairy Month in search of one of nature's most nearly perfect foods - milk.

Caution is advised as the "tippers" will be armed with $10 bills. But never fear, all you as a waitress or waiter needs to do is offer that person milk with his or her meal, and he or she will leave your restaurant with a ready smile. And you, just for suggesting milk with a meal, will be $10 richer.

The "Mystery Tipper" program, sponsored by the Pa. Holstein Association in cooperation with the Pa. Restaurant Association and the Pa. Department of Agriculture, got underway yesterday with the state proclamation of June Dairy Month. Throughout the month, mystery tippers representing agribusinesses and dairy groups will visit area restaurants prepared to offer a $10 tip if milk is suggested with a meal.

According to Doug Hershey, the Holstein Association's director of membership services, $4,800 has been pledged to the program by agribusinesses, dairy groups and individuals. Time is still available, Hershey said, for others to contact the Association and make their pledges to the mystery tipper program.

To participate in the program, an agribusiness, dairy group or individual pledges a certain amount of money in tips, preferrably in $10 increments. This group or individual is then responsible for designating a mystery tipper and providing the $10 tip to the waitress or waiter. No pledge money should be sent to the Holstein Association, Hershey stressed; however, the Association should be contacted concerning the amount of the pledge.

While dining out, the mystery tipper is equipped with a $10 bill which will be given to a waitress or waiter who asks, in some form,

(Turn to Page A36)

Lancaster County commissioners James Huber, left, and Robert Boyer join Lancaster County Dairy Princess Boni Gochenaur in a milk toast to proclaim June Dairy Month and formally announce the Lancaster County Dairy Promotion Committee's involvement in the statewide "Mystery Tipper" program sponsored by the Pa. Holstein Association.

CONGRATULATIONS!

You have just won $ _____ for suggesting MILK with my meal.

Thank you for your support

Sponsored by Friends of the Pennsylvania Dairy Industry

NAME _____

ADDRESS _____

_____

PHONE _____

REAL *makes the meal!*

CONGRATULATIONS!

You have just won $ _____ for suggesting MILK with my meal.

Thank you for your support

Sponsored by Friends of the Pennsylvania Dairy Industry

NAME _____

ADDRESS _____

_____

PHONE _____

REAL *makes the meal!*

I'M TERRIBLY SORRY!

I was instructed to give you a $ _____ tip if you would have suggested MILK with my meal

Sponsored by Friends of the Pennsylvania Dairy Industry

REAL *makes the meal!*

I'M TERRIBLY SORRY!

I was instructed to give you a $ _____ tip if you would have suggested MILK with my meal.

Sponsored by Friends of the Pennsylvania Dairy Industry

REAL *makes the meal!*

HAY!

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Schaghticoke	Raymond E Johnson 518/692-7050

PENNSYLVANIA

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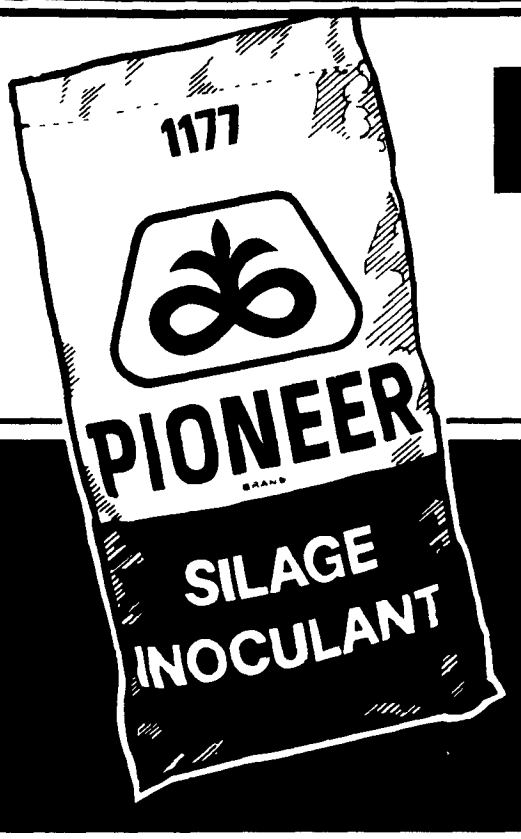
Kittanning	William E Ramer 412/548-2317
Peach Bottom	Triple H Farms 717/548-3775
Wyalusing	William Beebe 717/746-3435



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Livestock market and auction news

Leesport Livestock

Leesport, Pa.
Wednesday, May 30, 1984
Report Supplied by PDA

CATTLE 321. Supply included 59% feeder cattle. Compared with last Wednesday's market, slaughter steers steady to 1.00 lower. Slaughter cows 50 cents to 1.50 lower. Slaughter bulls mostly steady. Choice slaughter steers 1000-1270 lbs. 63.35-65.25, Good 58.75-63.75, Good & Choice Holsteins 1250-1640 lbs. 55.85-58.85, Standard 50-56.75, few to 58.50, few Utility & Low Standard 43.25-48.50. Choice slaughter heifers 900-1100 lbs. 58-60.75, Individual 62.60, few Good 55-58.00, few Standard 49.50-54.75. Breaking Utility & Commercial slaughter cows 43.50-45.00, few 52.50, Cutter & Boning Utility 40-44.25, Canner & Low Cutter 37.25-40.60, Shells down to 32.00. Few Choice slaughter bullocks 58.50-62.50, Good 54-59.00, Standard 50.25-53.50. Yield Grade #1 1300-2250 lbs. slaughter bulls 49.10-58.35, mostly 53-55.00.

FEEDER CATTLE. Medium Frame #1 325-670 lbs. feeder steers 60.50-67.00, Large Frame #2 335-560 lbs. 52-58.00; few Medium Frame #1 450-520 lbs. feeder heifers 39.50-44.50; few Medium Frame #1 380-420 lbs. feeder bulls 60-68.00, few 600-750 lbs. 45.50-52.00.

CALVES 182. Vealers grading Standard & Low Good, steady to 5.00 higher. Few Choice Vealers 80-92.00, Good 73-83.00, few Standard & Good 110-120 lbs. 66-78.00, 90-110 lbs. 60-68.00, 70-85 lbs. 45-58.00, Utility 55-80 lbs. 25-40.00.

FARM CALVES. Holstein Bulls 85-130 lbs. 82.50-110.00, some down to 65.00, few Holstein Heifers 85-110 lbs. 66-76.00. Beef Cross Bull & Heifers 75-130 lbs. 69-103.00, mostly 75-94.00.

HOGS 414. Barrows & gilts unevenly steady. US No. 1-2 215-250 lbs. barrows & gilts 48.75-50.00, No. 1-3 200-260 lbs. 47-49.00, mostly 48.50-49.25, one lot No. 1-3 185 lbs. at 45.25. Sows: Steady 1.00 lower. US No. 1-3 295-500 lbs. sows 38-41.50, 500-615 lbs. 41.25-44.25. Few Boars 32-35.00, few Light Weights 33.50-38.00.

FEEDER PIGS 285. US No. 1-3 20-30 lbs. feeder pigs 80-88.00 per hundredweight, No. 1-3 35-60 lbs. 70-92.00, No. 1-3 60-65 lbs. 55-66.00, one lot Utility 30 lbs. at 78.00, few Utility 65-95 lbs. 47-50.50.

SHEEP 91. High Choice & Prime 25-45 lbs. spring slaughter lambs 73-81.00, 70-115 lbs. 65-66.00, few Choice 45-55 lbs. 68-70.00, few Good & Choice 85-110 lbs. 46-53.00, one lot Good 45 lbs. at 56.00. Slaughter sheep 8-25.00. Goats 35: Large Adults 24-36.00 per head, few to 47.00, few Small Adults 16-22.00, Large Kids 16-28.00, small Kids 8-10.00.

Monday markets not covered by USDA & PDA due to holiday

Peoria Cattle

Thursday, May 31
Report supplied by USDA

Slaughter Steers and Heifers through Wednesday were fully 1.00 to 1.50 lower. Cows weak to mostly 1.00 lower. Bulls 2.00 lower. Trading moderate and demand generally light. Continued slow beef movement and liberal slaughter for last week were weighing on purchase requirements a live prices. Receipts this week about 1525 as compared to 1594 a week ago and 1476 a year ago.

SLAUGHTER STEERS: Choice 2-4 1100-1250 lbs. 63.50-66.00, few to 67.00, late 63.50-64.50 including load 3-4 1235 lbs. Wednesday at 64.50; 1000-1100 lbs. late 62.50-63.50. Mixed Good and Choice 2-3 1000-1150 lbs. 61.50-62.50. Good 58.00-62.00. Few Good and Choice 2-3 1200-1350 lbs. Holsteins 56 00.

SLAUGHTER HEIFERS Choice 2-4 925-1050 lbs. 61 50-63 50, mostly 61 50-63 00, few low dressing 3 900 lbs 58 00 Mixed Good and Choice 2-3 875-975 lbs 59.50-61.00. Good 850-975 lbs 55 00-60.50.

COWS. Breaking Utility and few Commercial 2-4 41.00-44.00. Cutter and Boning Utility 1-3 39.00-42.50 Canner and Low Cutter 1-2 35.00-39.00.

BULLS: YG 1-2 1100-1885 lbs. 46 00-51.00.

ANOTHER HOT ONE?

When the mercury goes up, appetite goes down. So does milk & fat production.

The dramatic reduction in feed intake, especially the roughage portion, is the primary problem dairymen must cope with during heat-stress periods to keep their cows producing at an economically profitable level

With high-producing herds, the higher the production level, the greater the loss in intake because of production stress These highest producers will also be the first ones with their tongues hanging out

Reduced consumption means imbalance of critical trace minerals and insufficient energy intake This inevitably leads to low milk and butterfat production

Our biologically-available forms of trace minerals — cobalt, zinc and iron — will bring back the appetite of your stressed cattle When they get back to eating they will do their producing TRY US NOW under these stress times Our "Production Plus" dairy product will dramatically convince you that you don't have to take summer slump as inevitable

We can get those tongues back into your cows and the milk into your tank

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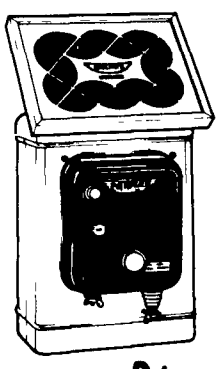

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Philadelphia Wholesale Fruit and Vegetable Report

Philadelphia, Pa.
Tuesday, May 29
Report Supplied by USDA
FRUIT

APPLES: ABOUT STEADY; CONTROLLED ATMOSPHERE STORAGE ctn cell pack; WASH Golden Delicious USExFcy 96s 17.50 few 18.50-19.50; 120s one lot 18.00-18.50 few 16.50 USFcy; 120s 14.50 ctn tray pack WASH Red Delicious USExFcy 56s & 72s 19.50; 80s 17.00-17.50; 88s 16.50-17.00 few 17.50; 100-113s 15.00-16.00 few 16.50; 125s one lot 16.50 USFcy 80-100s 14.00; ID Red Delicious USFcy 113s 14.00; 125s 13.00; CANADA Red Delicious USExFcy 56s & 72s 19.50; 88s 17.50; 12-3 lb film bags 2-¼ inch minimum PA USFcy Red Delicious one lot 9.50; WASH Red Delicious USFcy 2-½" min 14.50; REGULAR STORAGE ctn tray pack; CHILE Granny Smith 72-113s 10.00-11.00; NEW ZEALAND Granny Smith 80-88s 17.50; 100s 16.50.

CHERRIES: LOWER. CALIF 18-lb lug Bing 11-½ row size & larger 17.00 via air 22.00; 12 row size & larger 16.00-17.00 mostly 16.50 fair cond low as 10.00; 13 row size & larger 8.00-10.00 few best 11.00 one lot 13.00.

COCONUTS: DOMINICAN REPUBLIC sks 40s 13.50-14.00 mostly 14.00.

GRAPES: CALIF 22-lb lugs Perlette 25.00 one lot 27.00-27.50; Flame Seedless 30.00 few 27.00-28.00; Cardinals 20.00.

STRAWBERRIES: ABOUT STEADY. CALIF 12-pt flats med-lge 6.60-7.80 mostly 7.20 fair qual & cond 4.80-6.50 one label 10.80-12.00 with stems 10.00-12.00; MD Mixed sizes 16-qt crt 12.00-14.00; 8-qt flat 5.00-6.00.

VEGETABLES

ASPARAGUS: ABOUT STEADY. CALIF pyramid crts jbo 27.00 fair cond 22.00-23.00; lge 22.00-23.00 fair cond 17.00-18.00 std 20.00 fair cond 16.00-17.00; Long Green lge fair cond 21.00-22.00; WASH pyramid crts US#1 lge 24.00-25.00 few 26.00 3/8" min 22.00; Long Green jbo 28.00; lge 27.00; std 26.00; sml 25.00; NJ pyramid crts Field run bchd 12s med few 16.00 loose; lge 19.00-20.00; sml 17.00.

BEANS: STEADY. Various bushel containers Round Green type unless otherwise stated; FLA 12.00-13.00 fair qual 7.00-10.00; SC 14.00-15.00 mostly 15.00; CALIF buctns Fava 12.00.

BEETS: VA crt bchd 12s 8.00.

BROCCOLI: HIGHER. CALIF ctn bchd 14s 7.00 few 8.50-9.00; 18s 8.00-9.00 mostly 8.50 few 7-7.50.

BRUSSEL SPROUTS: NO SUPPLIES.

CABBAGE: SLIGHTLY LOWER. 1-¾ buctn & crt medium Green unless otherwise stated; FLA 5-5.50 few 6.50 fair cond 4-4.50; Savoy 7-7.50 Red 10.00; NC 5-5.50 few 4.50 med-lge 5.50-6.00; Red 10.00; CALIF 45-lb ctn Red few 12.00; TEX Red 10.00; MEXICO Red 9.00-10.00.

CARROTS: ABOUT STEADY. 48-1 lb film bags in film sacks; CALIF med-lge 8-8.50 mostly 8.50 few 9.00; FAL med-lge one lot 8.00; 50-lb sacks loose jumbo; TEX 9.50; CALIF 10.50-11.00; FLA 10.00-11.00 ctn bch 24s; CALIF 10.00 few 8.50-9.00; miniature type 20-12 oz film bags; CALIF 7.50-8.00.

CAULIFLOWER: CALIF ctn film wrpd 12s 10.00-12.00 mostly 10.50-11.00 occ higher; 16s one lot 12.00.

CELERY: LOWER. CALIF ctns & crts 2-2-½ doz 15.00-16.00 few 16.50; 3 doz 14.00; FLA crts 1-1½ doz 13.00-13.50; 2-2-½ doz 13.00-14.00 mostly 13.50 few 2-½ doz 12.50; 3 doz 11.00-12.00 fair cond 7.00-8.00; 4 doz 11.00 few 11.50.

CHINESE CABBAGE: FLA celery crt 10.00-11.00; CALIF 1-¾ buctn Nappa 10.00.

CORN: SLIGHTLY LOWER. FLA wire bound crts approx 4-½-5 doz Yellow & White 7-7.50 fair qual 5.00-6.50.

CUCUMBERS: SLIGHTLY LOWER. 1-1/9 bucrts & ctns waxed medium unless otherwise stated; FLA 7.00-8.00 few 9.00-10.00 few 6.50 fair qual 5.00-6.00 mostly 5.00 few 6.50 occ higher ord cond 2.50-3.00; lge 4.00-5.00 few higher sml 6.00; Long Seedless 14s 7.50; GA & SC 7.00-8.00 few 9.00 few 6.00 fair qual 5.00-6.00 few higher few 4.50; sml 5.00-6.00; lge 3.50-4.00; Pickles sml-med 24.00-25.00; CANADA Long Seedless CD#1 12s 7.00.

LETTUCE ICEBERG: LOWER. Ctn 24s unless otherwise stated; CALIF 8.50-9.00 few 8.00 fair qual 7-7.50 wrpd 10.00; 30s 9-9.50; ARIZ few 7.50-8.00.

ROMAINE: ABOUT STEADY. CALIF 24s ctns 8.00-9.00 few 9.50 fair cond 7.00 crts 11.00-11.50; NJ 1-¼ bucrts & ctn; 24s 5.00 occ 5.50 few 4.00 fair qual 3-3.50.

BIG BOSTON: CALIF ctn 24s 8-8.50 few 6.50; NJ crt 24s 5.00 few 5.50.

BIBB: SUPPLIES INSUFFICIENT TO QUOTE.

LEAF: CALIF ctn 24s 12.00 fair cond 7.00-8.00; Red 9.00 fair cond 6.00; NJ 4/5 bucrt 3.00-4.00 few higher; Red 4.00 1-¼ bucrt 4.50-5.50 mostly 5.00 few 6.00; Red 5-5.50.

MUSHROOMS: STEADY. PA 4-qt. bkt med-lge 5-5.50 sml-med 3.75-4.00; 10-lb ctn 9.25-9.50 mostly 9.50; 10-12 oz flats 9.50 few 9.00.

ONIONS: YELLOW JUMBO HIGHER, OTHERS ABOUT STEADY. 50-lb sacks US #1 or generally good quality Yellow unless otherwise stated; TEX Grano jbo 8.00-9.00 fair cond 6.00; Repacker size 8-8.50 mostly 8.50 few 9.00 occ lower; 20-2 lb mesh bags 10.00; White jbo 14.00; med-lge 8.00; 25-lb sks Red med-lge 7.00-8.00 few 6.00; CALIF Grano jbo 8.00 few 7.50; 40-lb ctn Red jbo 11.50-12.00; med 9.00; GA Granex type lge 28.00; med 16.00; 25-lb sks lge one lot 17.00; NY Globe type med-lge 6.00; sml-med fair cond 4.00 ord cond 2.50.

ONIONS-GREEN: LOWER. CALIF ctns bchd 48s 8.00; NJ crt bchd 36s 6.00; MEXICO ctn bchd 48s 7.00-8.00

PARSLEY: bchd 5 dozen curly unless otherwise stated; CALIF ctn 10.00-11.00 few higher; NJ bubkts 11.00-13.00; Plain 13.00.

PEAS-GREEN: MD buhmprs 12.00; VA buhmprs & crts 10.00-12.00.

PEAS-OTHER: Sugar per lb; CALIF 10-lb ctns fair appar 1.50; GUATEMALA 10-lb ctns 1.75.

PEPPERS: LOWER. Calif Wonder type Green 1-1/9 bucrts & ctns unless otherwise stated; FLA lge 9.00-10.00 mostly 10.00 few 11.00 fair cond 7.00; med-lge 7.00-8.00 few higher med 6.00-8.00; sml-med 5.00; Mixed Red lge 7.50-8.00; med-lge 5.00-6.00; Cubanelle lge 12.00; Longhots few 15.00-16.00; TEX lge 7.50-8.00 mostly 8.00 few 8.50.

RADISHES: LOWER. ctns Red 30-6 oz film bags; FLA 4.00-5.00 mostly 4.50; OHIO 4.50 ctn bchd Red; CALIF 36s 7.00; OHIO 24s 5.00; NJ 36s 6.50-7.00; 24s 4.50 fair qual; 3.50 few 3.75.

SPINACH. SLIGHTLY HIGHER. NJ Savoy type bubkt & 1-¼ bucrts 4-4.50 few 5.00 few 3.50.

SQUASH: LOWER. ½ & 5/9 bucrts & ctns; FLA Zucchini sml-med 6.00-7.00 few 5.00; Yellow Straightneck one lot sml-med few 9.00-10.00; med 8.00 buctns med-lge 7.00-8.00; GA & SC Zucchini sml-med 6.00-7.00 few 7.50 occ higher fair cond 4.00-5.00, med 3.00-4.00 occ higher; CALIF 26 lb ctn Zucchini one lot 8.50 few 10.00.

TOMATOES: HIGHER. 25-lb ctn Pink to Light Red 85% or better U.S.#1 or generally good quality unless otherwise stated: SALES BY REPACKERS; FLA 5x6s 12.00 few 13.00; 6x6s 8.00-9.00; 6x7s 7.00 fair cond 4.00-5.00; SALES BY OTHERS; FLA 5x6s 12.00; 6x6s 8.00-9.00 mostly 8-8.50; 6x7s 6-6.50 mostly 6.50 fair qual 9.00-10.00; Red 8-8.50; 6x6s 6.00-8.00 mostly 7.00; 6x7s 4.00-5.50; Hydroponically grown 20-lb ctn exlge 16.00-17.00 lge 15.00-16.00; CHERRY TYPE 12-1 pt flats; FLA 9.00-10.00 few 8.00 fair cond 6.00-7.00; MEXICO 11.00-12.00; REPACKED LOCALLY; FLA 20-lb ctn 6x6s 12.00; 6x7s 11.00 ctn containing 25 tubes; 3s 5.50.

St. Louis Cattle

Thursday, May 31

Receipts This Week	3,000
Week Ago	3,300
Year Ago	1,800

Compared to last week's close, slaughter steers 1.00-1.50 lower. Slaughter heifers mostly 1.00 lower. Cows 2.00 lower. Bulls 1.00-2.00 lower. Slaughter supply mainly choice slaughter steers and heifers, around 15% cows.

SLAUGHTER STEERS: Mixed choice and prime 2-4 1050-1275 lbs. 63.50-64.00, load 64.50. Choice 2-4 1000-1275 lbs. 62.50-63.50 early, few late 62.50-64.00; 900-1000 lbs. 61.00-62.50. Mixed good and choice 2-4 900-1225 lbs. 61.00-63.00. Good 2-3 900-1175 lbs. 59.00-61.00. Standard to good 2-3 1100-1300 lb. holsteins 50.00-57.00.

SLAUGHTER HEIFERS: Mixed choice and prime 2-4 900-1125 lbs. mostly 61.50, few package 62.00. Choice 2-4 850-1075 lbs. 60.50-61.50. Mixed good and choice 2-3 800-975 lbs. 58.00-60.50. Good 2-3 750-950 lbs. 55.00-58.00.

COWS: (Closing Week Sales) Breaking utility and commercial 2-4 38.00-41.00. Cutter and boning utility 1-2 38.00-41.00. High-yielding boning utility 1-2 41.00-42.00. Canner and low cutter 1-2 36.00-38.00. Shelly canner 1-2 32.00-36.00.

BULLS: YG 1-2 1100-1900 lbs. 48.00-53.00, mostly closing sales 48.00-51.00. Individual YG 1 early 54.00.

Wednesday's Weekly Sheep Auction. Receipts around 375 head. Compared to last week, spring and shorn slaughter lambs generally steady. Trading moderately active. Supplies moderate.

SLAUGHTER LAMBS: Spring: Mixed choice and prime 50-75 lbs. 61.00-67.00; 90-100 lbs. 50.00-65.00; 100-120 lbs. 56.00-59.50. Shorn: Few mostly choice 75-120 lbs. 52.00-58.00. Wooled: Few mostly choice 90-100 lbs. 48.00-50.00.

SLAUGHTER EWES: Few wooled and shorn 80-100 lbs. 10.00-16.00.

FEEDER LAMBS: One large lot 92 lbs. 50.50.

SF 50.00-60.00; SG 50.00-60.00; TA 52.00-58.00; TB None; TC 52.00-58.00; TD None; TF 10.00-16.00; TG 10.00-16.00; TJ 10.00-15.00; TK 10.00-15.00; SM, SN, SO, SP Scarce.

FEEDERS: (Including around 800 at the regular Thursday auction.) Feeder Steers and Heifers uneven, fully 2.00-4.00 higher. Supply mainly Medium and Large Frame 1-2 300-600 lb. Steers and Heifers.►

FEEDER STEERS: Medium and Large Frame 1-2; few lots 250-300 lbs. 68.00-69.50; 300-600 lbs. 64.00-69.00, package thin 411 lbs. 70.00. Limited supply 600-900 lbs. 60.00-64.50. Few lots Fleshy 600-950 lbs. 56.25-61.00. Large Frame 2: 600-800 lbs. 51.50-56.25. Large Frame 2 Holsteins: 550-650 lbs. 50.25-51.50.

FEEDER HEIFERS: Medium and Large Frame 1-2 350-500 lbs. 54.00-58.00; 500-750 lbs. 53.00-56.50.

New Holland Horse

New Holland Sales Stables
Monday, May 28
Report supplied by auction

Reported receipts of 322 head of horses, mules, and ponies. Market: lower.

LOCAL

Better horses 450.00-600.00, registered horses 875.00-1000.00.

Driving horses 350.00-1000.00.

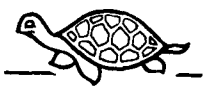
Riding horses 275.00-400.00.

Lightweight killers 225.00-300.00; Heavyweight killers 350.00-400.00.

Mare Ponies 25.00-75.00; Colts 10.00-20.00; Gelding Ponies 25.00-75.00.

Larger ponies 100.00-150.00.

DON'T BE SLOW



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Farmall M w/PS and Live Hyd.	$1,500
(1) JD 4020, Side Console, Cab & Air	$10,250
(1) White 2-105 w/Roll Guard	$15,900
(1) IH 460 Gas N.F. TA, Power Steering	$2,350
(1) Farmall H w/Cultivators	$950
IH 300 Row Crop WF T.A. fast hitch	$2,350
Ford 8000 Diesel	$6,950
IH 240 w/Fast Hitch and 2B Plow	$2,150
JD 4230 SG, Quad, new engine overhaul and paint (SOLD)	$16,500
JD 3020 Diesel, (SOLD), dual remote	$8,750

COMBINES & PICKERS:

JD 6620LL Turbo, Hydro Chopper	Price on Request
(1) JD 6620LL Combine w/213 Flex Head 800 hrs.	Price on Request
JD 3300 Dsl. w/cab, 343 C.H. & Rotary Screen	Price on Request
(1) IH 203 Combine, Gas w/10' Platform, P.U. Reel, 2 Row Cornhead, Cab	$3,950
(1) New Idea #325 Two Row Narrow Picker w/Sheller, Heavy PTO	$4,350
(1) JD 444 Corn head	$3,450
(1) JD 443 Corn head, new style	$6,750
NI 2 Row NR Pull Type	$2,450

GRAIN DRYERS:

(2) New Farm Fans AB8 Auto-Batch Dryers. MUST MOVE. CALL FOR PRICE..... (Dealer Inquiries Welcome)

(1) Used 350 BU. Myer Morton PTO Batch Dryer $3,450

FOR RENT
8' Hyd. Rock Picker
$150 Per Day

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COMING IN:
JD 500 Round Baler
JD 6 Row 30" Rear Cultivator
6 Row Hyd. Fold Cultivator

HARVESTERS & FORAGE EQUIPMENT:

NH 1880 Self Propelled Harvester, 3 Row Pickup, Dsl. Hydro, 600 hrs.	
(1) John Deere 34 w/One Row Row Crop	$1,550
(1) Grove Forage Wagon w/Roof & Gear	$1,850
(1) John Deere Three Row Row Crop Attachment, New Belts	$3,850

HAY MACHINES:

(1) IH 46T w/Thrower	$1,050
NH 275 Baler w/Thrower, Hydraulic Aim.	$2,950
JD 894 Rake	$450

TILLAGE:

(1) JD F350 5-16" Auto Reset (SOLD) Plow Sharp.	$2,850
(1) John Deere 12' RW	$875
(1) Athens 10' Disc, heavy duty	$1,650
Howard 100" 1000 PTO Rotovator	$3,450

MISCELLANEOUS:

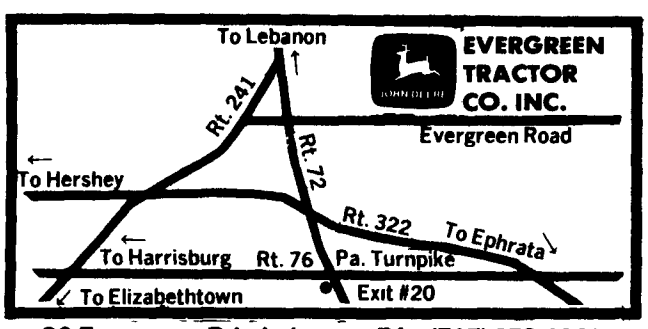
IH 2001 Loader	$950
Bestland Rock Picker	$1,950
JD #39 3 pt. Mower	$1,050
14.9x26 T-rail duals	
20.8x34 direct axle, less rubber	
NH 679 tandem axle spreader, hyd. endgate	$4,500
Year round cab for JD 3020 or 4020	$1,050
JD 37 Hydraulic bucket ind. valve	$1,150
18.8x38 snap on duals	$650
18.4x34 snap on duals	$750
16.9x34 snap on duals	$450
JD 46A Hydraulic Loader hyd. bucket to fit 3010 thru 4020	$850

PLANTERS:

JD 7000 8 R 30" planter, liq P.O.P. monitor, no-till	
IH 400 4R Air Planter	
JD 7000 6 row w/no-til HD Coulters	$8,750
JD 494A Planter	$850

GRINDER-MIXERS

IH 1250 w/extension. $4,250



30 Evergreen Rd., Lebanon, PA., (717) 272-4641

Livestock market

Indiana Livestock

Homer City, Pa.
Thursday, May 31
Report supplied by PDA

CATTLE: 160. Compared with last Thursday's market: Slaughter steers steady; Sl. cows weak to .50 lower. Sl. steers: High Choice 64.00-66.00; (few) Good 55.00-59.00; (few) Standard 50.00-55.25. Sl. heifers: Choiced 59.50-62.50; (few) Good 54.00-58.00; (few) Standard 48.00- 53.00; Utility 44.00-49.00. Sl. cows: Breaking Utility & Commercial 43.25-46.50, couple at 49.50; Cutter & Boning Utility 40.50-43.50; Canner & L. Cutter 35.00-41.00; Shells down to 27.00. Sl. bulls: Yield Grade No. 1 1100-2180 lbs. 49.75-55.00; Yield Grade No. 2, 1000-1500 lbs. 44.00-48.50.

FEEDER CATTLE: Steers, (few) Medium Frame No. 1, 400-650 lbs. 47.00-54.00. Bulls, (few) Medium Frame No. 1, 350-650 lbs. 45.00-50.00.

CALVES: 141. Couple Prime 82.00 & 84.00; Choice 70.00-80.00; Good 60.00-72.00; Standard & Good 90-120 lbs. 58.00-67.00; 60-85 lbs. 54.00-61.00.

FARM CALVES: Hol. Bulls 90-125 lbs. 80.00-107.00.

HOGS: 151. Barrows and gilts uneven, spots .25 lower. US No. 1-2 220-255 lbs. 47.75-48.50, couple 49.00 & 49.50; No. 1-3 198-260 lbs. 47.00-47.80; few No. 2-3 240-260 lbs. 45.25-47.00; US No. 1-3 350-500 lbs. 40.00-43.25; few No. 2-3 400-550 lbs. 32.50-33.50. Few Boars 30.00-32.00.

FEEDER PIGS 57. US No. 1-2 35 lbs. 22.00-24.00 per [illegible] 40-55 lbs. 24.50-30.00 per [illegible] (few) No. 1-3 80-100 lbs. 40.00-40.25; (few) Utility 30 lbs. at 19.00 per head.

SHEEP: 42. High Choice 75-85 lbs. spring sl. lambs 61.00-62.75; (few) Good 69 lbs. 47.00. Sl. sheep: 10.00-14.75.

GOATS: 9. 20.00-41.00 per head.

Westminster Livestock Auction

Westminster, Md.
Tuesday, May 29
Report supplied by auction

BUTCHER COWS: Steady to 1.00 lower. Standard & Utility 42.00-46.00; Canners 40.00-43.00; Shelly 39.00 down. Slaughter Bulls- Good 50.00-56.00; Medium 47.00-50.00. Fed Steers- High Choice 1090-1250 lb. 65.00-67.00; Good to Low Choice 900-1250 lb. 59.00-62.50. Fed Heifers Low Choice 1000-1100 lb. 57.25-60.50.

BUTCHER HOGS: US #1&2 215-250 lb. 47.50-47.75; US 1&3 220-260 lb. 46.50-47.00; 195-210 lb. 44.00-44.50. Sows over 500 lb. 42.75-43.75; 300-450 lb. 33.00-39.25. Boars 500-550 lb. to 36.00; 300-400 lb. 32.00-35.00.

VEAL CALVES: Larger run, good demand. Choice few to 88.00, Good to 78.00; Killers 80-100 lb. 60.00-70.00; Weak & Rough 50.00 down.

CALVES RETURNED TO FARM: $5.00 higher! Holstein Bulls 90-125 lb. 90.00-110.00; Beef Type 90-135 lb. 70.00-90.00.

LAMBS: Choice 90-117 lb. 64.00-66.00; 40-60 lb. 64.00-68.00; Sheep 13.00-20.00.

STOCK CATTLE: Smaller run. Steers few 300-450 lb. 60.00-72.00; Holsteins 42.00-47.00. Heifers 300-700 lb. 40.00-49.00. Bulls few 300 lb. to 63.00; Balance Medium 45.00-51.00.

PIGS AND SHOATS: 90 head. By the Head 15-30 lb. 24.00-33.00; 30-50 lb. 26.00-38.00; 60-80 lb. 37.00-45.00. By the Lb. Stock Boars 200-300 lb. 37.50-38.50.

HAY: 4 loads. Alfalfa 97.50-114.00 per ton; Alfalfa (New Crop) 105.00 per ton; Timothy-Orchard Grass 70.00 per ton.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, May 31
Report Supplied by PDA

CATTLE: 209. Compared with last Thursday's market: Sl. cows steady to 1.00 lower. Sl. steers: (few) Good holsteins 53.00-55.25; (few) Standard 47.85-54.50; (few) Utility 40.75-46.50. Sl. heifers: (few) Good 49.50-52.00. Sl. cows: Breaking Utility & Commercial 42.75-45.00, few to 47.50; Cutter & Boning Utility 40.00-44.50; Canner & L. Cutter 36.75-40.00; Shells down to 33.50. Sl. bulls: Yield Grade No. 1, 1385-1900 lbs. 50.50-54.85.

CALVES 440. Individual Prime 93.00; (few) Choice 71.50-88.00; (few) Good 64.00-74.00; (few) Standard & Good 90-120 lbs. 66.00-69.00; 70-105 lbs. 57.00-66.00; Utility 60-85 lbs. 45.00-57.00.

FARM CALVES: 10.00 lower. Hol. Bulls 90-130 lbs. 70.00-115.00, mostly 85.00-105.00; Hol. Heifers 85-140 lbs. 63.00-80.00.

HOGS: 102. Barrows and gilts few US No. 1-2 220 lbs. 48.25-49.25; few No. 1-3 205-260 lbs. 45.00-47.50; one lot No. 1-3 190 lbs. at 42.85; Sows US No. 1-3 330-640 lbs. 38.00-44.00. Few Boars 35.25-37.50.

FEEDER PIGS 20. One lot US No. 1-3 40 lbs. at 35.00 per head.

SHEEP: 28. One large Choice 66 lbs. at 50.50.

GOATS: 2.

Weekly Summary

Friday, June 1
Report Supplied by PDA

Markets: 11.

CATTLE: 4576. Compared with 7969 head last week, and 5622 head a year ago. Compared with last week's market: Slaughter steers steady to 1.50 lower; Sl. heifers unevenly steady; Sl. cows .50-1.50 lower; Sl. bulls steady to 1.00 lower. Sl. steers: High Choice & Prime 65.00-67.75; Choice 62.00-66.50; God 55.00-63.50; Standard 50.00-57.00. Sl. heifers: Choice 58.00-65.00; Good 54.00-61.00; Standard 45.50-55.00; Sl. cows: Breaking Utility & Commercial 42.50-47.50; Cutter & Boning Utility 39.50-45.00; Canner & L. Cutter 33.00-41.00; Shells down to 20.50. Sl. bullocks: (few) Choice 55.00-62.50; (few) Good 52.00-58.00. Sl. bulls: Yield Grade No. 1, 1200-2300 lbs. 49.00-56.00; Yield Grade No. 2, 900-1300 lbs. 44.00-52.00.

FEEDER CATTLE: Steers, Medium Frame No. 1, 350-700 lbs. 50.00-65.00. Heifers, (few) Medium Frame No. 1, 325-650 lbs. 39.50-49.50.

CALVES: 2624. Compared with 3946 head last week and 2820 head a year ago. Vealers uneven, Good & Choice steady to 4.00 lower, Standard & low Good steady to 4.00 higher. (Few) Prime 93.00-110.00; Choice 75.00-95.00; Good 64.00-80.00; Standard & Good 90-120 lbs. 59.00-72.00; 70-90 lbs. 45.00-62.00; Utility 50-90 lbs. 30.00-55.00.

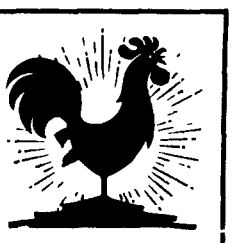
FARM CALVES: Hol. Bulls 85-135 lbs. 70.00-118.00; few Hol. Heifers 90-125 lbs. 63.00-80.00.

HOGS: 5803. Compared with 7397 head last week and 2661 head a year ago. Barrows and gilts weak to 1.00 lower. US No. 1-2 210-250 lbs. 48.00-50.00 No. 1-3 200-260 lbs. 46.50-49.00; No. 2-3 230-280 lbs. 43.00-48.00; Sows 1.00-1.50 lower. US No. 1-3 300-650 lbs. 35.00-44.50; few No. 2-3 400-700 lbs. 32.00-37.00. Boars 28.00-37.50.

FEEDER PIGS 1089. Compared with 1131 head last week and 1195 a year ago. Mostly steady. US No. 1-3 20-35 lbs. 17.00-35.00 per head; No. 1-3 35-55 lbs. 30.00-50.00.

2 GRADED FEEDER PIG SALES: 1427. Compared with 2592 head last week, and 2155 head a year ago. All sales by CWT. Feeder Pigs steady to 10.00 lower. US No. 1-2 30-40 lbs. 75.00-106.00, 40-50 lbs. 74.00-94.50, 50-60 lbs. 70.00-92.00, 45-60 lbs. 71.00-83.00.

SHEEP: 379. Compared with 1443 head last week and 342 head a year ago. Spring sl. lambs steady. Choice 70-115 lbs. 58.00-68.00; (few) Good & Choice 60-100 lbs. 40.00-58.00. Sl. ewes: 8.00-28.00.



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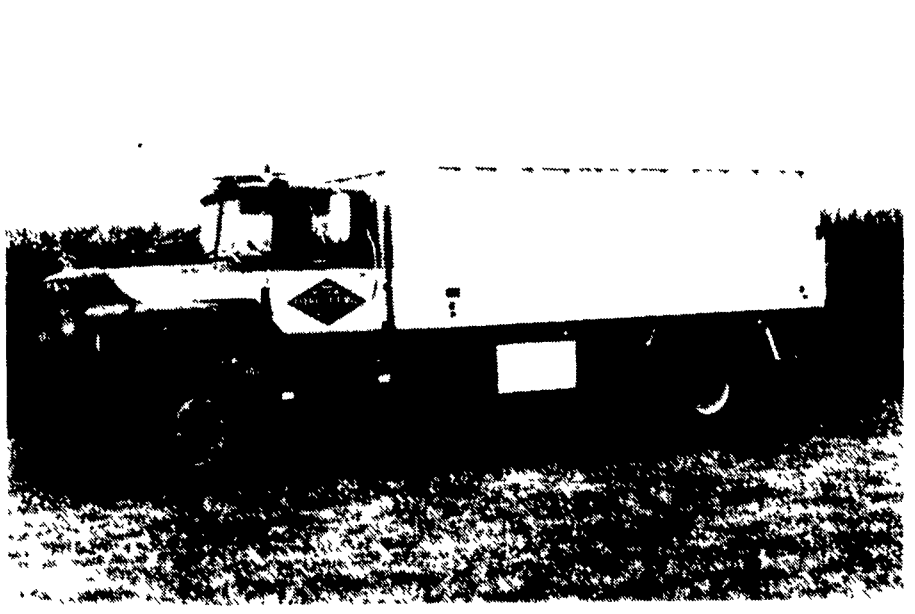
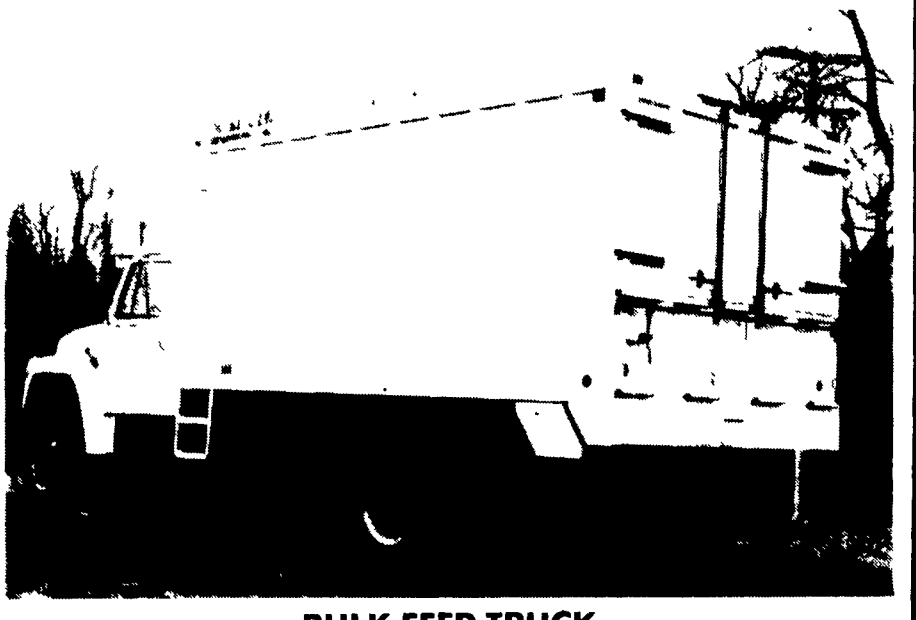


GRAIN BODY



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Weekly Pa. field report is outlined

Statewide, 3 days were rated suitable for fieldwork. In the northern region of the state 2 days were rated suitable, in the central region 4 days were rated suitable and in the southern region of the state 5 days were rated suitable for fieldwork. Activities for the week included: plowing; spraying; harvesting hay, haylage and ryelage; and planting oats, potatoes, corn, and soybeans.

SOIL MOISTURE

Topsoil moisture was rated surplus by 69 percent of our reporters and adequate by 31 percent. In the northern region of the state 87 percent of our reporters rated it surplus while 13 percent rated it adequate. In the central region of the state 65 percent rated the soil moisture surplus and 35 percent rated it adequate. The reporters in the southern region were evenly split, 50-50 in rating soil moisture surplus or adequate.

PLOWING

By the end of the week spring plowing was 78 percent complete across the state. At this time last year 82 percent of the plowing was complete, with the five year average being 92 percent complete. In the northern region of the state 65 percent was complete, in the central region 86 percent was complete, and in the southern region 82 percent of the plowing was complete.

OAT SEEDING

Statewide, 87 percent of the oat crop was seeded, compared to last year's level of 92 percent. In the northern region of the state 70 percent was seeded, in the central region 98 percent was seeded, and in the southern region, 92 percent of the oat crop was seeded.

SOYBEAN PLANTING

By the end of the week 20 percent of the soybean crop was planted, which is very close to last year's plantings of 19 percent. The northern region had the smallest amount planted with 3 percent, while the central region reported plantings of 11 percent, and the southern region had 33 percent of the soybean crop planted.

POTATO PLANTING

Across the state, 75 percent of the potato crop was planted, ahead of last year's level of 71 percent. In the northern region 57 percent was planted, in the central region 79 percent was planted, and in the southern region of the state, 94 percent of the potato crop was planted.

BARLEY AND WHEAT

Statewide, 31 percent of the barley crop was in the boot stage and 44 percent was headed, compared with 34 percent in the boot stage and 47 percent headed at this time last year. In the northern region 25 percent was in the boot stage and 46 percent was headed. In the central region, 35 percent was in boot and 35 percent was headed, while in the southern region 31 percent was in boot and 58 percent was headed. By the end of the week 32 percent of the wheat crop was in boot and 7 percent headed, compared with last year's figures of 50 percent in boot and 8 percent headed. The northern region reported 35 percent of the crop in the boot stage, with 2 percent headed. In the central region 36 percent was in boot with 3 percent headed, and in the southern region 24 percent of the wheat crop was in the boot stage with 19 percent headed. Some producers in the southern region reported problems with mildew.

CORN PLANTING

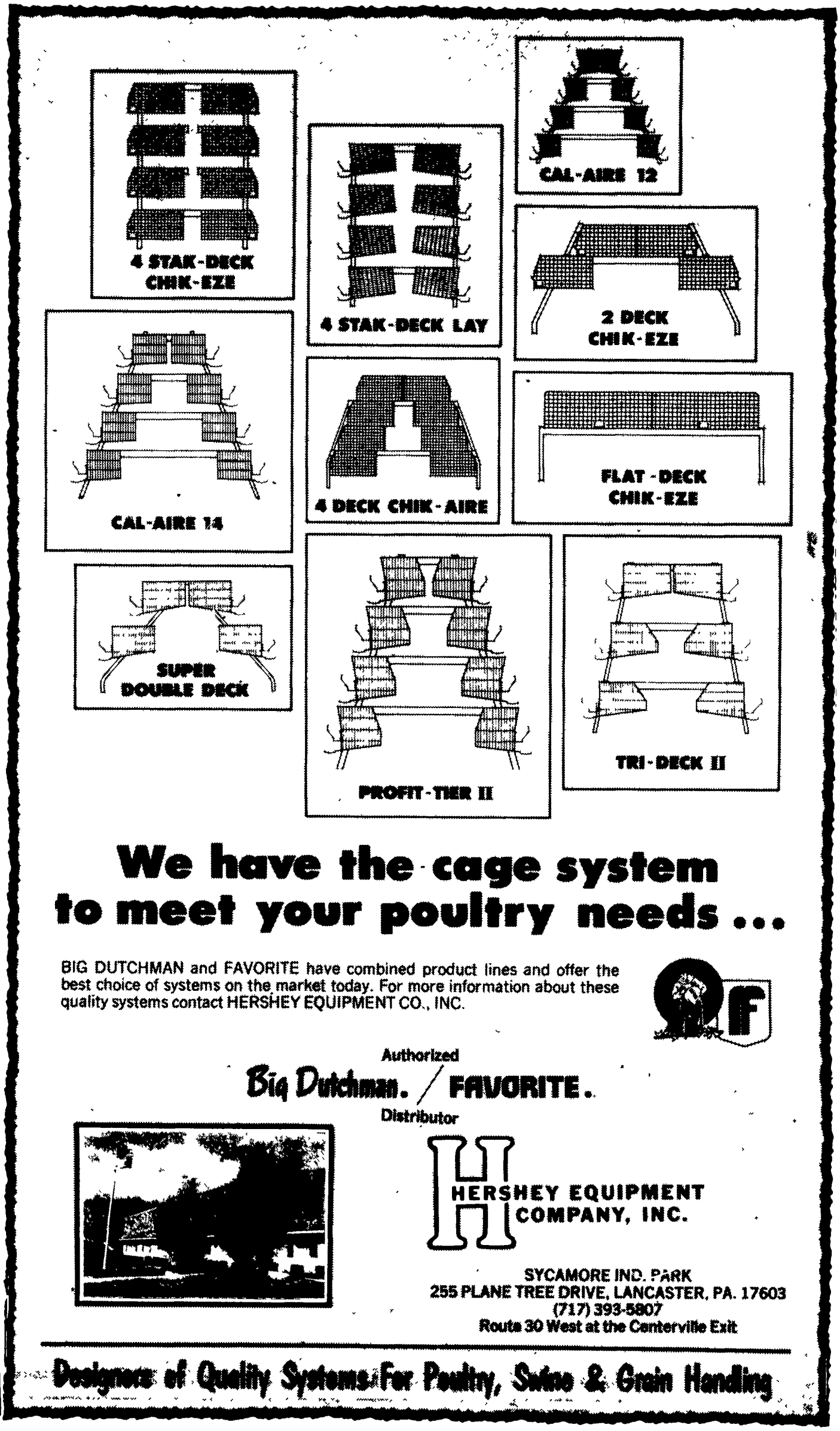
By the end of the week 52 percent of the corn crop was planted, which was equal to last year. The five-year average for this date was 71 percent planted. In the northern region of the state 27 percent was planted, in the central region 60 percent was planted, and in the southern region 73 percent of the corn was planted.

HAY AND PASTURE

Both alfalfa and clo-tim stands were rated good to fair. Statewide, 85 percent of our reporters rated alfalfa stands good and 15 percent rated them fair. Clo-tim stands were rated good by 81 percent of our reporters and fair by 19 percent. The amount of feed obtained from pastures was rated above average by 33 percent of our reporters, average by 64 percent, and below average by 3 percent.

FRUIT

By the end of the week cherries, apples and peaches were virtually all in full bloom or past, which was the same as last year for this date. In the central and southern regions many growers are reporting winter damage to peaches.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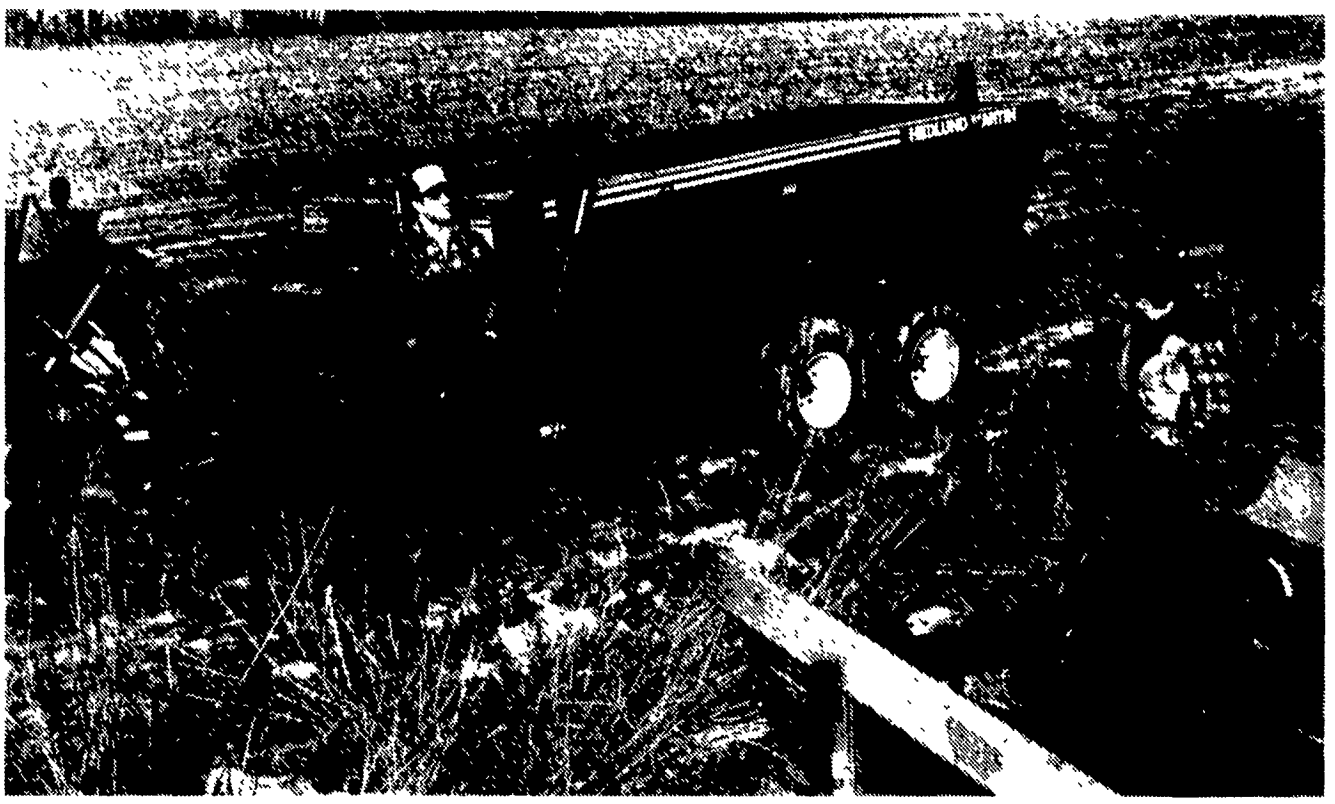

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Listening session June 18

ATLANTA, Ga. — Secretary of Agriculture John R. Block has said the fourth in a series of "listening sessions" to further discuss future food and agriculture policy will be June 18 in Syracuse, N.Y. Block's announcement came at the conclusion of the third session which was conducted in Atlanta, Ga.

The session will begin at 11 a.m. at the Syracuse Sheraton Inn, 7th North Street and Electronics Parkway. It will be designed to give the public an opportunity to express views to the secretary of agriculture and other U.S. Department of Agriculture policy leaders. Previous sessions were in Chicago, Riverside, Calif.; and here.

"We are receiving quality input at these sessions," Block said. "People representing all segments of agriculture are using these opportunities to express their views. They know what we are trying to accomplish and they are very sincere about helping us formulate a farm policy."

Block said as many people as possible will be given a chance to make oral presentations. A time limit will be established and announced at the beginning of the session. Also, anyone may submit full written comments whether or not they participate at the listening session.

Since a limit may have to be set on the number of oral presentations, persons wishing to participate are encouraged to sign up as soon as possible. Call or write John Kermicle, room 226-W, USDA, Washington, D.C. 20250, (202) 447-4737, prior to June 12. Participants will be notified in advance about what time they will be heard.

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Hallowell cites Farm Show achievements

HARRISBURG — State Agriculture Secretary Penrose Hallowell last week told the State Senate Agriculture and Rural Affairs Committee that the Farm Show Commission, the Farm Show and the Farm Show complex all provide major contributions to the state's society and economy.

Testifying at the Farm Show Commission's "sunset" hearing, Hallowell emphasized the Farm Show Commission's role in education, marketing and consumer awareness, and projected improvements planned for the 53 year old complex.

"Much of the public attention centers on the annual Farm Show, and the hundreds of thousands of visitors who attend each year. But the 72 other agricultural events, from the biweekly farmers' market to major international shows also provide a broad range of public service," he said.

"The Farm Show Complex is the most visited site in the city of Harrisburg," Hallowell said. "The series of events held at the complex, through the 460 event-days each year, yield a greatly varied entertainment schedule for the central Pennsylvania community and beyond. In fact, the Farm Show was identified as one of the TOP 100 EVENTS in North America by the American Bus Association."

Hallowell noted that in five years, 1977-1982, use of the complex had increased by 123 percent, from 206 show days to 460. "This not only advances the interests of the shows and exhibitions, but the industries involved and provides a significant boost to the central Pennsylvania economy," he said. "In addition, the events held at the Farm Show complex generate tax dollars for the City of Harrisburg, the state and federal governments."

Hallowell said that the state's capital budget, signed by Governor Thornburgh on May 18, provides $3,872,000 for design and construction of a new exhibition hall for the Farm Show Complex. "This new hall will help keep the complex competitive with exposition centers in other East Coast cities," he said

"The new building will have 72,000 square feet of floor space for exhibitions, livestock washroom, storage areas and office space. It will allow us to pick up the exhibition space lost when fire corridors were built into the main hall several years ago," he said.

Hallowell said that Governor Thornburgh's capital budget for next year includes funding of $1,430,000 to replace the floor in the main exhibition building with a new reinforced concrete floor with plastic barriers and a non-skid surface.

The Secretary said a long range plan for improvements has been initiated, with improvements in progress including handicap parking facilities, installation of a zoned hot water heating system, air conditioning of offices, and installation of pedestrian bridges.

Future improvements planned for the complex include expansion and improved accessibility for parking, installation of new heating and lighting systems in the Large Arena, installation of storm windows, insulation and air conditioning, and a variety of cosmetic repairs to the building.

"Major improvements have already been made at the complex, and we will continue our emphasis on such improvements to maintain and expand the Farm Show complex' ability to serve as host for agriculture and trade shows, expositions and conventions," Hallowell said.

"We are proud of the services provided by the Farm Show Commission, staff and the complex, and of the essential role they play in advancing the interests of agriculture and other state industries," Hallowell said.

Ag officials to meet

REHOBOTH, Del. — The top agricultural leaders from the Northeast will be meeting in Rehoboth Beach in mid-June to discuss items ranging from the 1985 Farm Bill to farmland preservation.

Delaware Agriculture Secretary Donald J. Lynch, current president of the Northeastern Association of State Department's of Agriculture (NEASDA), is hosting the Secretaries and Commissioners of Agriculture from 9 other Northeastern States including Pennsylvania, New York, Vermont, New Jersey and Maine.

Officials from the United States Department of Agriculture and key leaders from the House Agriculture Committee are also planning to attend the 4-day NEASDA Conference June 10-13 at the Henlopen Hotel.

Items on the agenda include a symposium on the United State's agricultural policy which will come in the form of the 1985 Farm Bill, and a status report on the sensitive issue of farmland protection in the Northeast.

"We are very pleased to have the opportunity to host the Secretaries and Commissioners here in Delaware and we plan to roll out agriculture's red carpet for them", said Secretary Lynch.

"In addition to the various meetings, we've also planned tours of the shore area and other sites of interest. Each participant will leave the meeting with a better grasp of what Delaware agriculture is all about.

Each Secretary and Commissioner will also leave with a "Basketful of Delaware" thanks to donations from area agribusinesses.

The NEASDA meeting is held annually in the home state of the groups president. Lynch was elected to that post last summer in Vermont. He will be stepping down in September.

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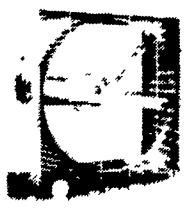
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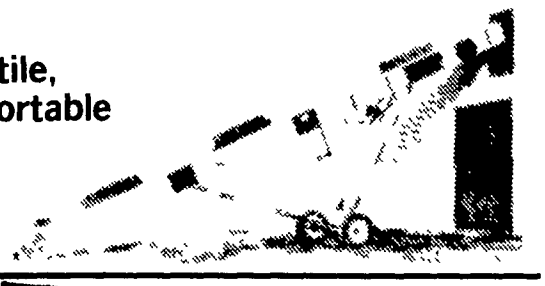

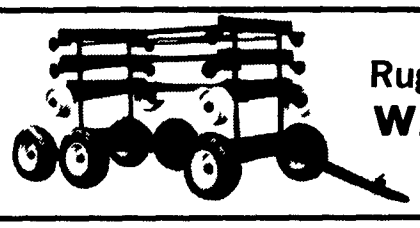
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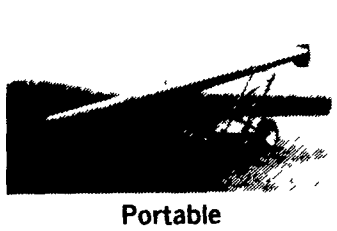
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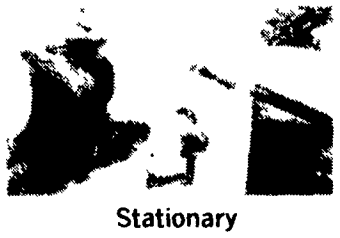
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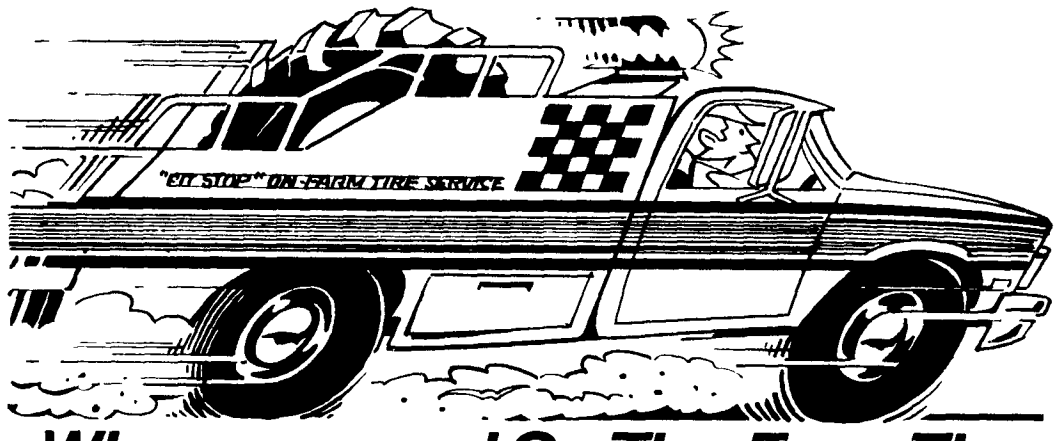

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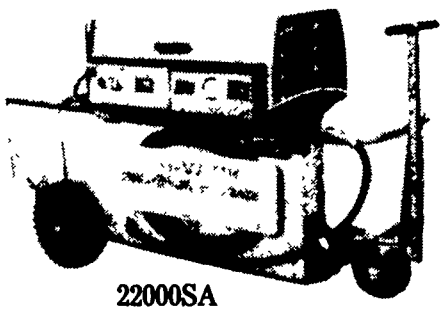

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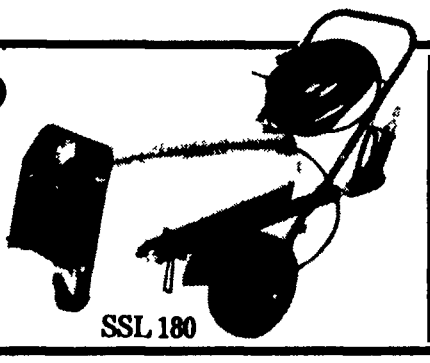

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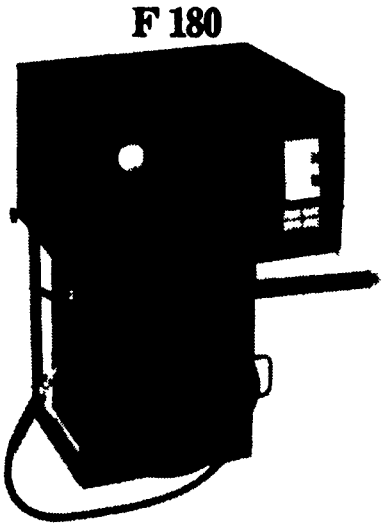

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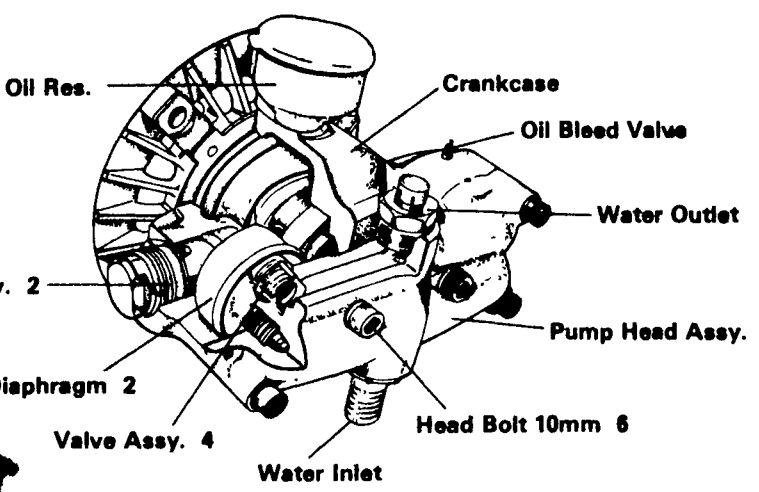

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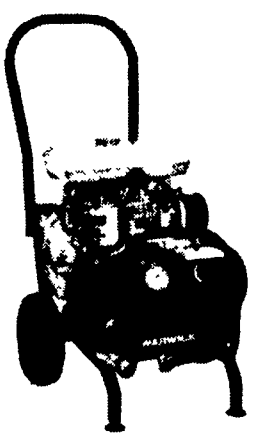

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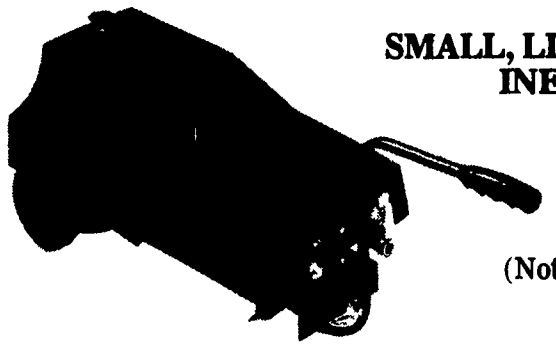

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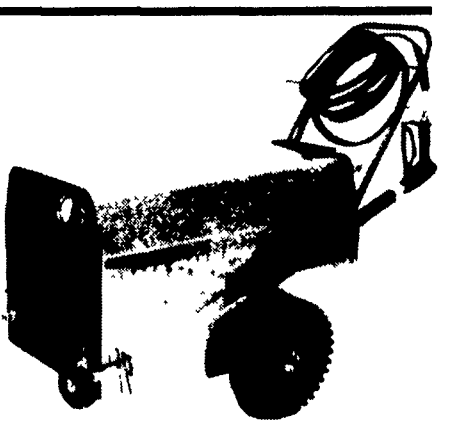

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Angus Triple Crown winners, the K

BY JACK HUBLEY

PARKESBURG — In horse racing, the Triple Crown means a win at the Kentucky Derby, the Preakness and Belmont.

But among breeders of black beef the race for the Triple begins in Louisville with the American Angus Breeders Futurity in August. Aspirants again return to Louisville in November for the North American International Livestock Exposition, and a final win at Denver's National Western Stock Show in January clinches the crown.

For most Angus breeders the Triple Crown is a once-in-a-lifetime goal, but thanks to Krueger's Scaara, Greg Krueger of Fairview Farm is already working toward his second win. A Sayre Patriot daughter, Scaara swept the three events during the 1981-82 show season.

Greg's involvement with Angus cattle began with the 4-H program and his father's Indiana dairy farm. By the time the young cattleman was 16, the family had sold its dairy herd in favor of beef cattle.

After high school, Greg pursued his interest in beef, earning a B.S. in animal science at Purdue in 1974, and completing his Masters program three years later.

Following graduation, Krueger became assistant manager for New York's Sayre Farms, where he met his future business partner, Jim Evans. As head of the embryo transfer division of the University of Pennsylvania's New Bolton Center, Evans was doing work for Sayre Farms when the prominent Angus farm decided to sell its cow herd in 1981.

Evans had a proposition for his friend, Greg Krueger. Why not pool their talents, offering embryo transfers while at the same time developing a championship Angus herd? Krueger liked the idea and Genetics Unlimited of West Grove was born.

The firm handles about 1,000 to 1,200 pregnancies a year, made up of about 60 percent beef cattle and 40 percent dairy animals, with Holsteins used as recipient cows for the embryos.

Though the bull market has admittedly been "tough here in the East," according to Krueger, the Angus breeder sees a bright future for the female market, due, in part, to embryo transfer technology.

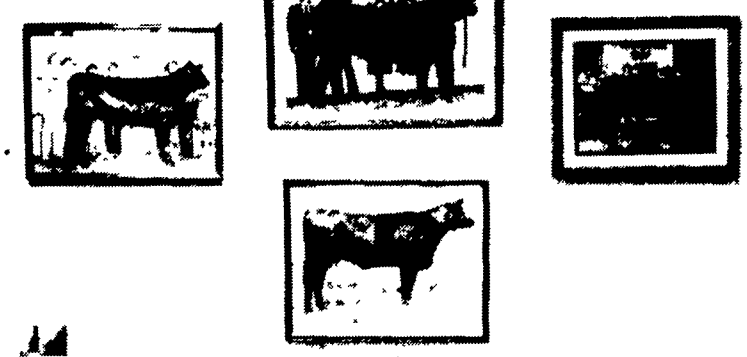
Krueger cites the ability to freeze large numbers of embryos as a great advantage to cattlemen, and points out that ET technicians are currently able to split the fertilized egg, producing two offspring from a single egg.

With the veterinary staff and three technicians handling embryo transfer responsibilities, Krueger manages the company's beef operations at his 33 acre farm located nine miles west of West Chester.

Named Herdsman of the Year during his tenure at Sayre Farms, Krueger takes obvious pride in the

Pride of Fairview Farm is Krueger's Foolish Pride, born on April Fools Day, 1981.

History-making Angus



Greg Krueger poses with the farm's premier female, Krueger's Scaara of Sayre. Scaara was the first heifer in the history of Angus show cattle to win the Triple Crown.

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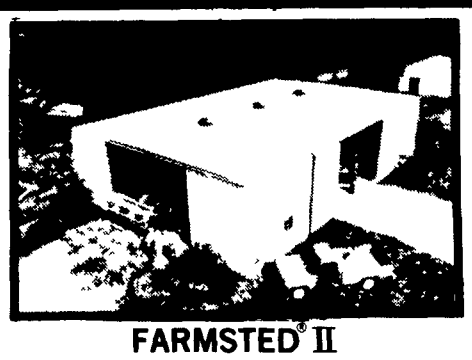
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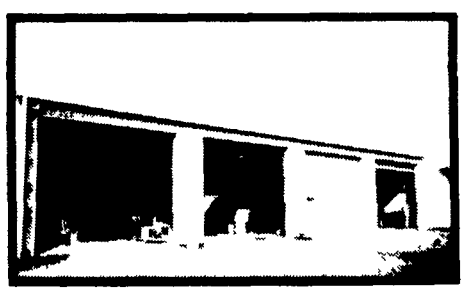
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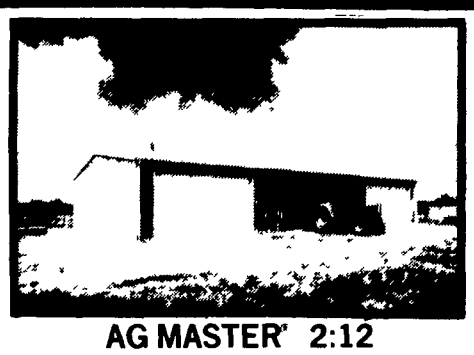
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rueger family aims to do it again

With the Krueger home overlooking the rolling Chester County countryside dotted with Angus cattle, Fairview Farm is aptly named.

string of heifers being readied for this year's show season.

During an inspection of the Fairfield facilities, Greg stops to take a look at Lucy, a classy daughter of Krueger's Foolish Pride. After having Lucy pose for pictures, Greg explains his show strategy.

"All of our show animals are walked one to two miles, and rinsed and brushed every day. We try to have athletic-looking cattle," Krueger emphasizes. "Plenty of exercise allows us to feed a bit heavier, too, resulting in better gains."

Following the heifer tour, Krueger looks in on "the pride" of Fairview Farm, Krueger's Foolish Pride. Tracing his roots to Sayre stock, the April, 1981, bull was named champion at the Angus Breeders Show, the American Royal in Kansas City, and the Eastern National Livestock Expo, all in 1983.

An accomplished show judge, Krueger is generally pleased with his chosen breed's direction during recent years.

"Angus cattle have exploded in skeletal growth during the past few years," Krueger observes,"but although two to three years ago the emphasis was on size, we're now starting to look at femininity and structure.

"Some of the top Angus are up to frame-eights now, and the breed has the size without having to rely on the other breeds for terminal crosses.

"I think it's important to look for femininity at this point," Krueger stresses, adding that the trait relates to both fertility and milk production.

Molded through years of experience with show cattle, Krueger's ideas on how to build the perfect Angus may well influence the course of the breed in years to come. Last year Greg's judging responsibilities included the Canadian Royal Winter Fair in Toronto, and this year's schedule includes judging at the New York State Fair, the National Junior Showmanship Contest in Columbus, Ohio, and the Indiana State Fair.

Assisting Greg with Genetics Unlimited's beef operations is Dave Hirt, another Indiana native who manages the show and sell cattle. During the busy summer season, four students are hired as part-time members of the operation, as well.

A lifelong involvement with Angus cattle has cultivated Greg's commitment to breed promotion, and the Indiana native is currently serving as a director in the Pa. Angus Association. Krueger is also this year's chairman of the Pa. Angus Breeders Show, and will host the Association's annual picnic on June 10.

With his Angus involvement demanding long hours, family support is a must. Greg's wife, Jane, a registered nurse and Purdue graduate, handles Fairview's bookkeeping chores including the necessary paperwork for Pride's semen sales.

In addition, she finds time to "ride herd" on the affairs of the family's future cattlewomen, Erin and Amy. At ages three and two, respectively, the two young Kruegers are already the proud owners of a pair of Fairview heifers.

Looks like the future of one of Pennsylvania's premier Angus herds is in good hands.

Holstein and Angus?

Holstein mothers with Angus offspring are a common sight at Fairview Farm. As a partner with Jim Evans in Genetics Unlimited, Krueger hosts many embryo transplant families on his 33 acre farm near West Chester.

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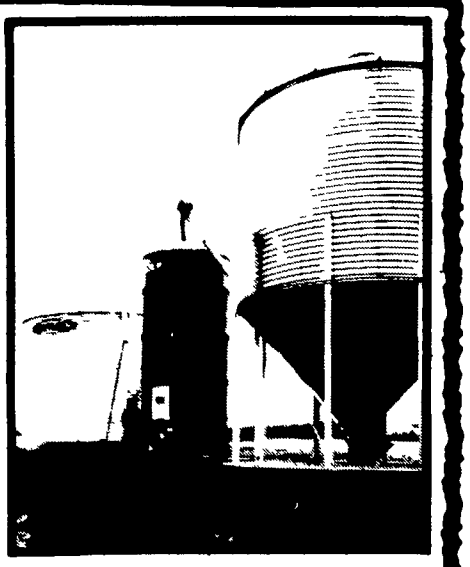

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'Pleasurable Suicide' — What a way to go!

Rutter's restaurant manager Jim Goodyear builds an Epicurean epitome of dairy delights

BY JOYCE BUPP
Staff Correspondent

RED LION — Here's a dairy month riddle.

What has two bananas, a dozen scoops of ice cream, streams of tasty, gooey toppings, a cascade of whipped cream, coating of mixed nuts and — needless to say — juicy red maraschino cherries?

And the answer is — trumpet rolls, please — a "Pleasurable Suicide!"

That's how the Rutters Restaurants describe the most formidable ice cream creation on the menu at their three locations in Red Lion, York and Shrewsbury.

It was also the most impressive mountain of dairy dessert ever seen by York County's new dairy princess Judy Perry, alternates Kelly Kilgore and Darcy Feeser, and court members Lisa Warner and Karen Klahold, who gathered with a few friends at the Red Lion Rutters restaurant for a bit of pageant weekend indulgence in — what else — ice cream.

Manager and master sundae builder Jim Goodyear and his assistant Verlyn Smith opened up their kitchen dairy bar area to the princesses for a quickie lesson in concocting. this grandaddy of banana splits.

With the quick, polished strokes of a professional, Goodyear nestled a trio of ice cream scoops into the bottom of a foot-high, elegant glass sundae serving dish. Around the outside of that foundation went a banana, divided into several long segments.

Three more scoops completed the first series of additions. Over the vanilla, chocolate, strawberry, chocolate chip mint and orange sherbert went various toppings.

Then, back to the ice cream freezer, for a second round of six more scoops of ice cream, surrounded by segments of a second banana, followed by still another trip to the topping dispenser for more gooey chocolate, marshamallow, peanut butter, and pineapple.

Now to the icing on the cake - so to speak. Goodyard carefully tipped the stainless container and artistically piped a solid, swirling cover of fluffy whipped cream over the mound.

With a final flourish, a sprinkling of mixed nuts and vivid red cherry - er, in this case, several of them - crowned the elegant creation.

Armed with long-handled sundae spoons and pretzel stick munchies, the dairy demolition team launched an all-out assualt on the glacier of frothy and frozen creams.

While the action slowed about half way through the battle, a clinking of spoons against the bottom of the glass server signalled the demise of the Pleasurable Suicide into a mere puddled remaining remnant of earlier glory.

The verdict? Delicious!

And not one of the Pleasurable Suicide partakers chose to take advantage of the fine print optional accompanied offered on the menu.

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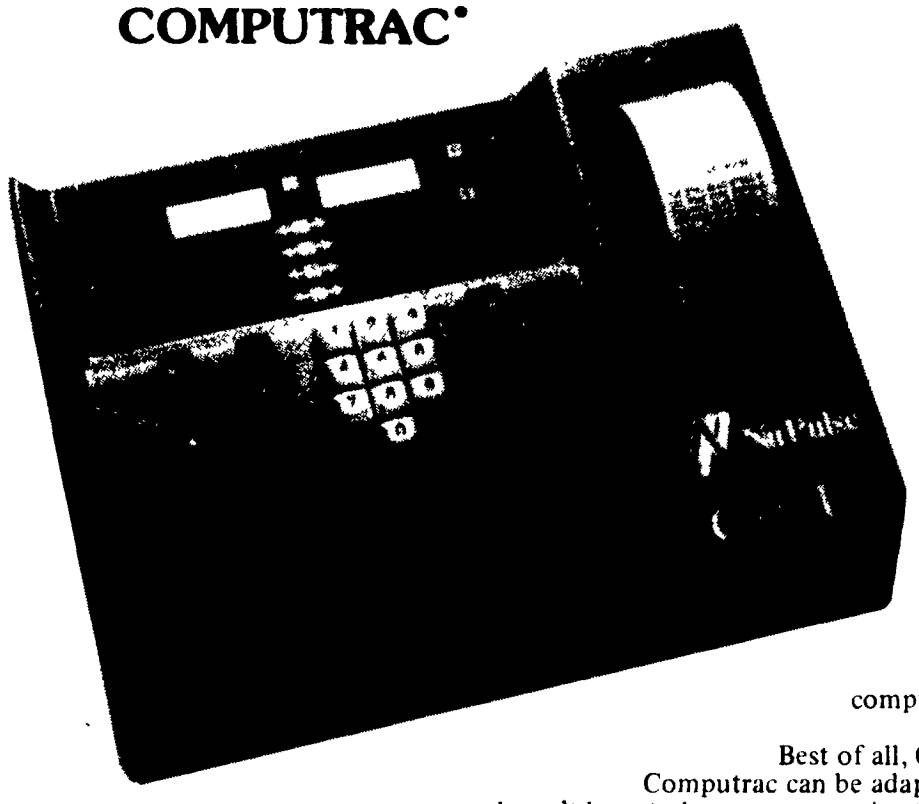

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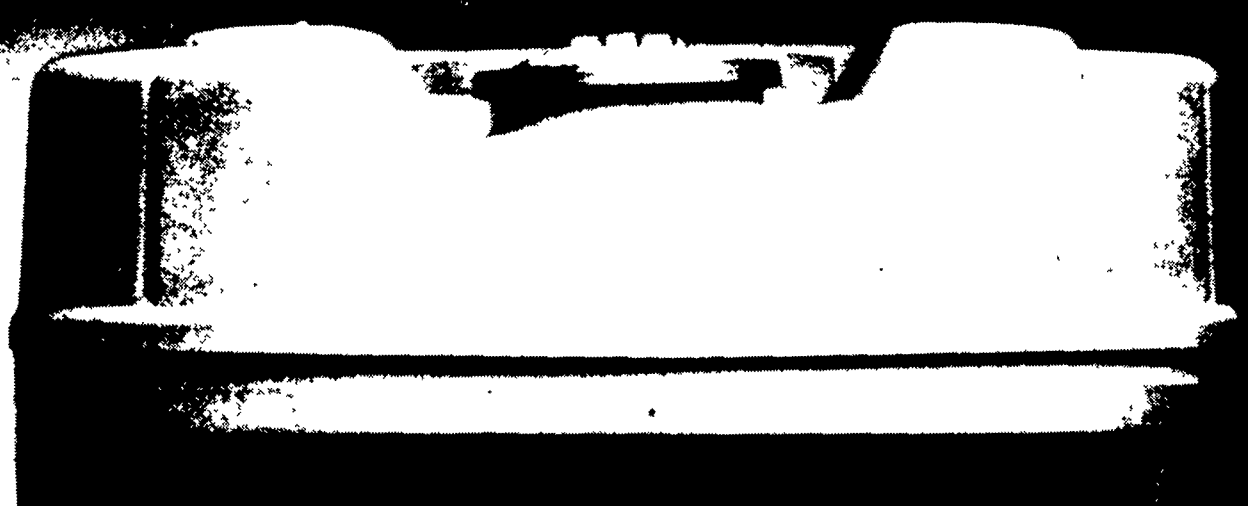

The fact of the matter is, when it comes to controlling early blight, no other fungicide on the market can match Bravo 500 fungicide for effectiveness.

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Peach research okayed

HARRISBURG — Pennsylvania peach and nectarine growers have approved a proposal to create a production and marketing research program for state-grown fruits, which could generate $25,000 a year according to state Agriculture Secretary Penrose Hallowell.

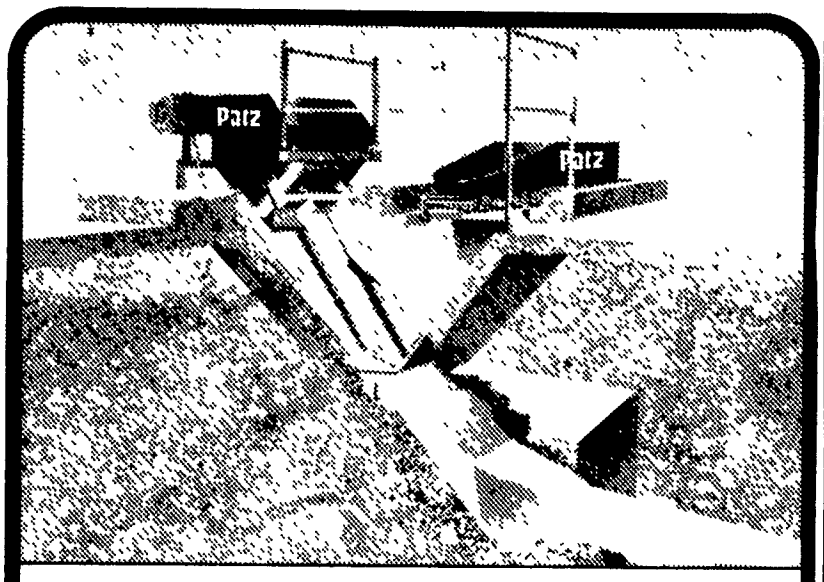
Growers harvesting 500 or more peach and/or nectarine trees of all ages voted in a referendum held May 15 to May 25. With the program, which runs for a period of five years, all affected producers will be assessed $3 per acre to finance research in peach/nectarine production and marketing. The program takes effect July 1 and will be administered by a nine-member advisory board comprised of candidates nominated by affected growers.

"This new program can provide a significant boost to pennsylvania's growing peach and nectarine industries," Hallowell said. "It is reassuring to see the state's agricultural producers taking the initiatives necessary to remain competitive in the regional and national marketplace."

Seventy-one producers voting (60.7 percent) favored the new program, and represented 3,425 acres of production of those voting (68 percent). The 45 producers voting against the referendum (39.3 percent) represented 1,643 acres (32 percent). A simple majority vote for approval by producers and total acreage was required to establish the program.

The Peach and Nectarine Research Program was approved under provisions of the Pennsylvania Agricultural Commodities Marketing Act of 1968. This is the fifth marketing or research program to take effect under the Act. Other programs include the Pennsylvania Apple Marketing Board, the Red Cherry

(Turn to Page A39)



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June is dairy month

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June is dairy month

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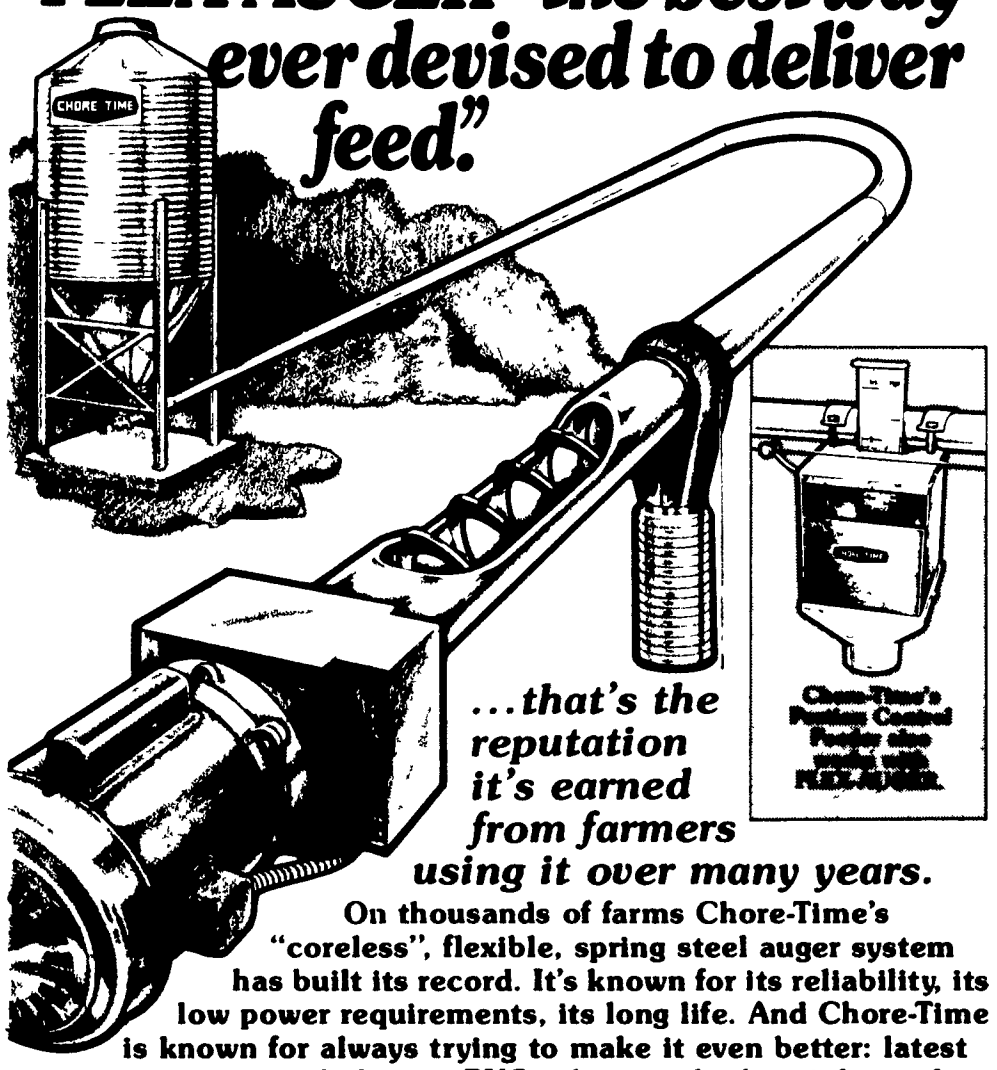

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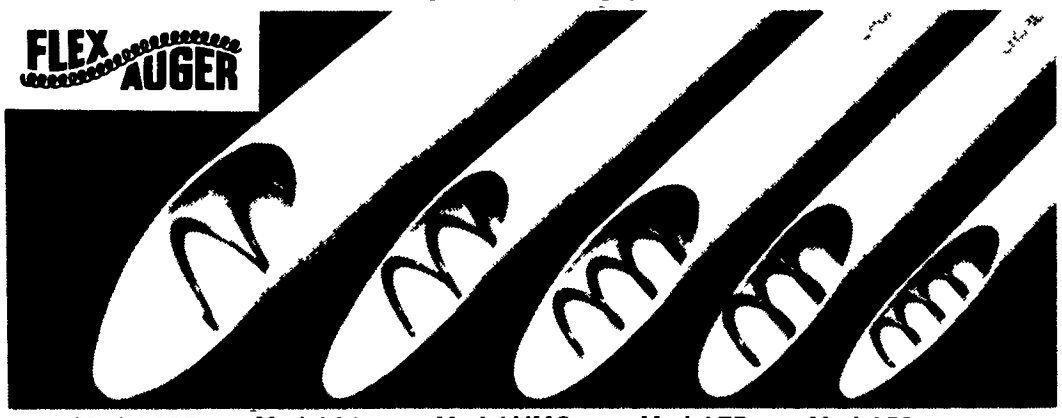

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Veal calf certification program starts Monday

BY JACK HUBLEY

HARRISBURG — Beginning on Monday, June 4, the USDA's Food Safety Inspection Service (FSIS) will implement a producer certification program aimed at reducing the occurrence of drug residues in veal calves.

Though it is hoped that the program will help to reduce residues such as penicillin, tetracycline, neomycin and other antibiotics, the primary cause for concern has been unacceptable levels of sulfonamides in bob veal calves, according to Penn State extension veterinarian Dr. Larry Hutchinson.

Hutchinson points out that although sulfa compounds are useful in the treatment of calf pneumonia and scours, the 20 to 30-day withdrawal period following their use is too lengthy for bob veal calves which may be slaughtered within the first week of life.

The veterinarian states that even very small amounts of sulfonamide residues can trigger allergic reactions when ingested by hypersensitive individuals.

Over prolonged periods of exposure sulfa and antibiotic residues can also produce resistance within the body, decreasing the effects of the compounds when actually needed to combat disease.

The FDA has set a limit of 0.1 parts per million for sulfa concentration in tissue.

Starting in July 1980, the USDA began its Residue Avoidance Program (RAP) in an effort to educate farmers concerning the effects of residues in all food animals. Although Hutchinson points out that the declining number of violations in Pennsylvania indicates some progress through RAP, USDA officials felt that the educational approach was not gaining ground fast enough.

During the period from October 1, 1982, to September 30 of last year, a total of 275 animals were found to be in violation of acceptable residue tolerances in Pennsylvania, with 177 calves accounting for the majority of the infractions. Other animals found to have unacceptable drug residues were 93 culled dairy cows, three hogs and two turkeys.

Current regulations provide for an on-farm investigation by Pa. Department of Agriculture officials in the event of a violation. Also, following a violation, the next five animals sent to market by the offending farmer must be tested.

Under the new regulations, livestock auctions and truckers will be supplied with producer certificates. A producer has the option of signing a certificate stating that the animal he is selling has not received any drugs, or that the prescribed withdrawal time has passed. Certified animals will then be sold separately from uncertified animals.

Though a small sampling of certified calves will be tested at slaughtering plants, uncertified animals will be screened more closely.

In small lots of up to 11 animals, all will be tested. For larger lots a statistical sampling will be tested based on the following cut-offs: lot size 12 to 16, 12 calves tested; lot size 17 to 40, 15 calves tested; lot size 41 to 250, 25 calves tested; lots of 250 and up, 30 animals tested.

Also, all animals suffering from apparent illness will be tested.

Since no more than three healthy, certified animals will be tested from any lot, regardless of size, the processing of certified animals is expected to proceed much more quickly than that of uncertified calves. With testing and carcass retention representing an inconvenience to slaughterhouses, it is expected that certified calves will be worth more at auction.

"We're not trying to stop the use of the drugs in all calves," points out Dr. M. A. Waagenspauk, deputy director of meat and poultry inspection for the FSIS regional office in Philadelphia.

"We realize that the use of drugs on veal calves fed for 14 to 16 weeks is good insurance for the farmer. But we do want to insure that calves offered for food (before adequate withdrawal periods have passed) have not been treated."

Dr. Waagenspauk stressed that farmers will not be penalized for selling treated calves as long as they are sold for purposes other than slaughter.

"We simply want the farmer to be up front with us about what he's selling," the FSIS spokesman said.

According to Waagenspauk, farmers who attempt to sell drug-treated calves as certified animals may face penalties under both the Packers and Stockyards Act, as well as the Food, Drug and Cosmetic Act. Since such misrepresentation involves the falsification of auction records, a farmer may face a maximum penalty of one year in jail and up to $3,000 in fines under the Packers and Stockyards Act. In addition, the packer who received the animals can recoup his losses from the producer.

The producer may also be prosecuted under the FDA's Food, Drug and Cosmetic Act, which prohibits the sale of adulterated meat.

The maximum penalty under this law is a one-year jail sentence and a fine of up to $5,000.

"Though sulfa drugs in bob veal calves are our biggest residue problem, it's important to realize that the situation is not considered rampant," Hutchinson emphasized. "Keep in mind that with over 700,000 dairy cows in the state, it's apparent that the vast majority of our dairymen are doing a good job in bringing clean, residue-free animals to market."

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That takes less grooming and less feed,
That has the reason, wit and wisdom,
To use the seat and flushing system.

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Less work to do from year to year,
And cows that reach production peak,
All in a five-day working week

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And show these stupid breeders how
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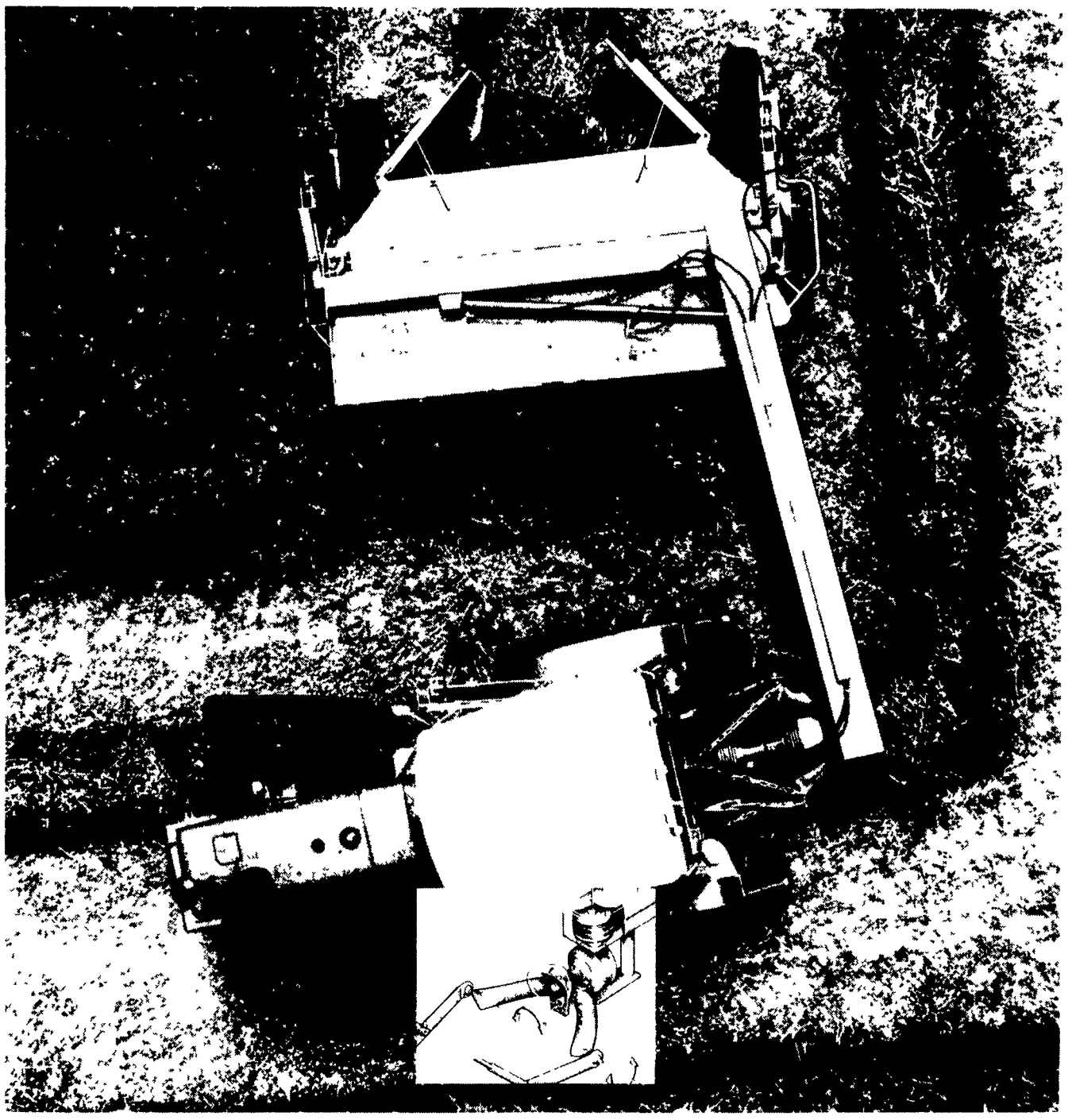

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Robel Acres has weathered even hurricanes

BY JUDY HULL
Staff Correspondent

NEW OXFORD — Government regulations, advertising, licenses and location — these are all problems and concerns which the dairy farmer with his own retail outlet must contend with. To Robert Whiteford and his family, however, there is no other way to go.

Owners and operators of Robel Acres Farm located near New Oxford in Adams County, the Whitefords opened their retail outlet, Robel Acres Farm Dairy, in October, 1972. Right from the beginning they could have had a few doubts about their decision to go retail, but they stuck with it, survived two hurricanes, and today the elder Whiteford says he is "glad to be in this business."

The retail operation at Robel Acres was scheduled to open in July, 1972. However, hurricane Agnes came up the East Coast that year and held up the opening for two months. Opening day came on October 15, 1972. A few years later, hurrican Eloise hit and washed out a covered bridge just down the road from the farm. That kept customers from getting to the store, and cut volume. But, the bridge was eventually opened and things got back to normal.

The Whiteford's milk about 90 registered Holsteins and approximately 75 percent of the milk is sold through their retail outlet. Robert Whiteford figures sales are currently averaging 2100 gallons of milk per week.

"Sales are down a little now," he says. He attributes part of this to the price of gas and the fact that the dairy store is located three and one-half miles from Hanover, the nearest large town. However, Robel Acres does have a number of loyal customers who keep coming to shop at the store which sells whole, lowfat and chocolate milk, ice cream, store-made juices, baked ham, and grocery items. The store is open seven days a week.

Whiteford operates the 350-acre farm with his wife Elenora and son Bill. Daughter Kay and daughter-in-law Joni work in the dairy store. Two other sons, Scott, who works on a dairy farm in York County, and Paul, a supervisor at Hanover Brands, also helped on the farm through the years.

The Whitefords have operated the dairy farm at Robel Acres since 1958. They have seen the dairy industry go through good and bad times. They cut their herd size by about 20 percent three years ago, but their production per cow has increased. A main concern of theirs now is the amount of surplus milk.

Bob shakes his head at the idea of the government subsidizing lowfat milk for schools. "As far as I know, kids in school are getting lowfat milk," he says. "I don't know why, this really creates more of a surplus of whole milk," he adds.

Bill goes on to say that he feels there should be more independent retail operations like the one at Robel Acres. "They ought to be spaced out so not to compete with each other. You would get better milk to the people," he says.

The Whitefords are particularly concerned about the quality of milk that leaves their store. They state that milk bought in their store is the freshest milk a consumer can buy because only three days elapse between the time the cow gives the milk until it is sold. Kay says, "This is the freshest milk you are going to get."

Bill adds that many customers are not aware of the effect that light and temperature have on milk so when someone buys milk at the store, they are asked how long it will be before they will be getting home, and the milk is packaged accordingly. "We always put the milk in a paper bag to cut down on the amount of light," Bill explains.

Joni, left, and Kay help customers and do milk processing in Robel Acres dairy store.

Milk should be the last thing a customer puts in his car when he is shopping, and the first thing he takes out when he gets home," he continues.

The Whitefords package their milk in plastic bags. They have found that many customers prefer the bags because they are easy to freeze and they do not fill up trash cans so quickly.

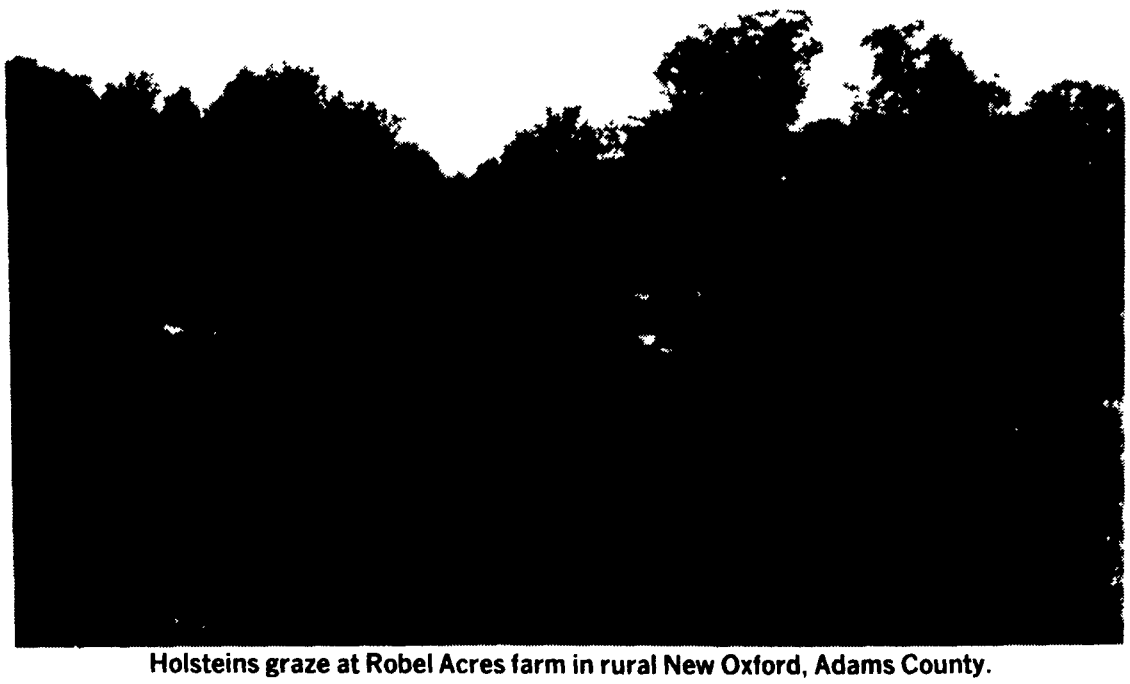
The bagging machine used at the dairy store was made in France and purchased from Pitcher Pack of Boston. The machine operates with air and steam pressure and bags are heat-sealed. The name of the store, address, and a code date are printed on each quart bag. The Whitefords process milk three days each week. The machine bags the milk at the rate of 32 quarts per minute. Kay says they do about 800 gallons of milk in two hours, not including cleaning up and sanitizing the machine.

Look for this sign for farm fresh milk.

In recent years consumption of Class I milk has not kept up with production, and Bob attributes part of this to the demise of the milkman. "When you had a milkman coming every week and leaving milk at your door you used it. Now people drink other things instead," he says. The elder Whiteford does not like the idea that there are no local dairies left in the Hanover area. "When they stopped local deliveries that hurt the dairy farmer, but it just got too expensive," he says.

He and his family are also concerned about the way milk is priced. "The state sets the consumer price and the federal government sets the producer price," Whiteford says. The family is also concerned about marketing. "For some reason the dairy farmers can't seem to really get organized. They are always in competition with each other," Bill says. The dairy industry as a whole, the family agrees, should do more aggressive marketing and

(Turn to Page A32)



Holsteins graze at Robel Acres farm in rural New Oxford, Adams County.

Robel Acres is located along Fish and Game Road near New Oxford.

Milk is processed into plastic bags by Kay.

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STEP #3 - PREMIUMS

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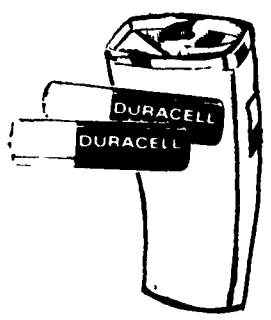

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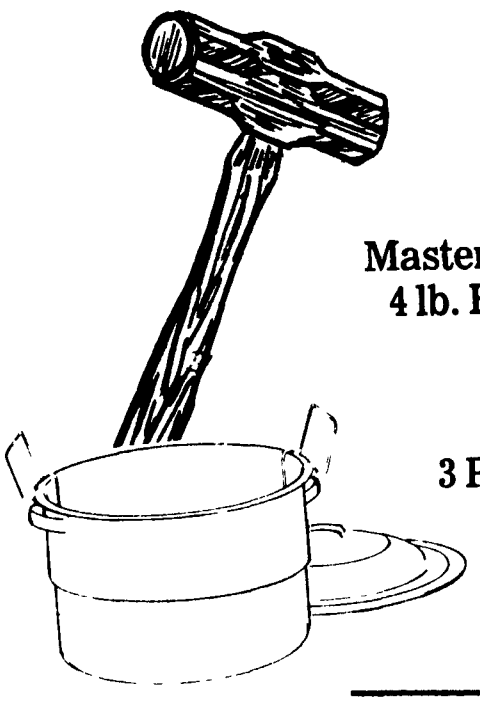

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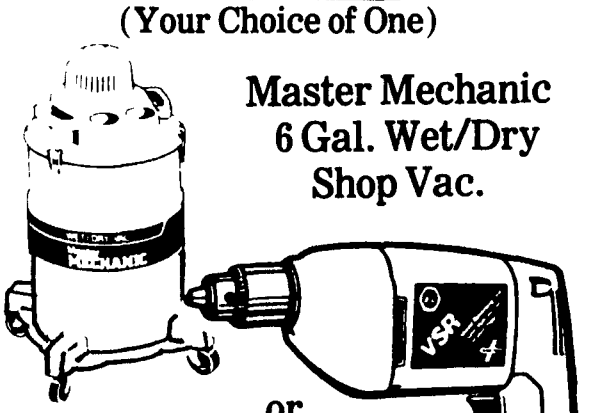

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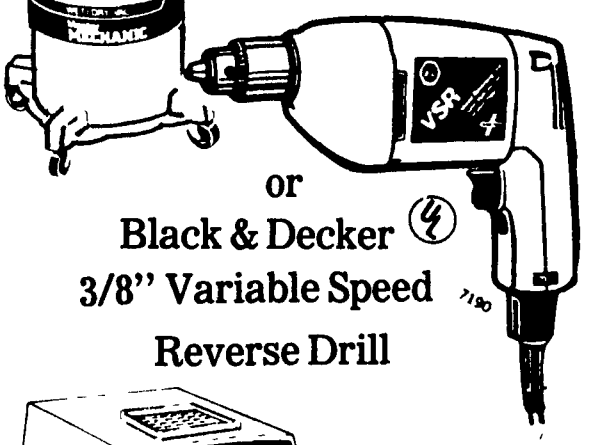

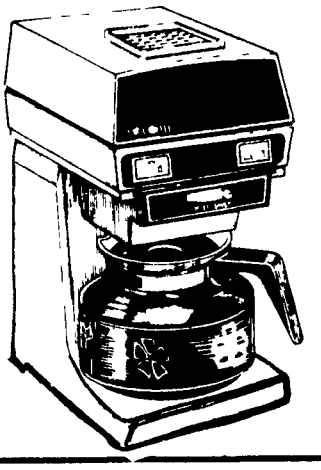

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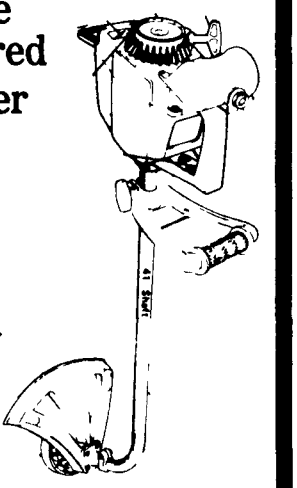

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Advertising debate goes on

More Pa. dairy promotion signups needed

BY DICK ANGLESTEIN

HARRISBURG — The old dairy argument that's almost as old as milk itself – generic vs. brand name advertising – surfaced again this week at a meeting of the new Pennsylvania Milk Promotion and Marketing Committee.

The committee quickly tabled this matter that's almost as sticky and odorous as buttermilk left out in the sun too long.

And, a report of signups of dairymen in the state program shows that only about one-third of those eligible have returned authorization cards.

That means that the status of any possible state promotion budget presently stands at about $500,000, instead of the $1.5 million, that's hoped for.

By Wednesday of this week, a total of 789 dairymen who are not in federally regulated promotional programs had signed up. There are about 2500 eligible throughout the state.

Of some 150 juggers, only about 20 had signed up.

The State is also getting some enrollment from dairymen in federally regulated programs.

"We're welcoming anyone in the state program who wants to participate," said Penrose Hallowell, ag secretary.

"But the state is only actively soliciting from those dairymen who are not in federally regulated promotion programs."

The Milk Promotion Committee urged the sending of followup letters to dairymen, juggers and handlers.

The first 15-cent deductions are scheduled to be made from May's milk check about the middle of June. If an eligible Pennsylvania dairyman is not signed up by then, all of his deduction will go into the federal promotion fund.

And, the longer dairymen wait to sign up, the longer it will take before any money comes to Pennsylvania.

The Committee reminded dairymen that the deductions are going to be made regardless. It's just a matter if all of the money goes to Washington or if two-thirds stays in Pennsylvania.

The debate of generic vs. brand name advertising went along the usual lines that have been drawn for many years in state dairy circles.

In all likelihood, the matter will crop up again at future meetings.

It was reported that committee membership may be enlarged by three or four members and this would likely be done at the next meeting.

In other business, the committee heard various presentations on how to promote milk from representatives of Lewis, Gilman and Kynett advertising agency, Philadelphia; UDIA and Dairy Council.

Md. ag building to be dedicated

ANNAPOLIS, Md. — The public is invited to attend dedication ceremonies for Maryland's first State Department of Agriculture headquarters building on June 14 at 2 p.m. The new, ultra modern 113,000 square foot office and laboratory complex is located at 50 Harry S. Truman Parkway in Annapolis. The general contractor for the three story facility was J. Roland Dashiell and Sons of Salisbury, Md. It was designed by the Baltimore Office of VVKR, Inc.

In addition to administrative offices, the complex contains laboratory facilities for the Department's Office of Plant Industries and Pest Management. Conference facilities capable of accommodating up to 200 people are also included.

Participants in the dedication ceremony include Governor Harry Hughes, Secretary of Agriculture Wayne A. Cawley, Jr., Maryland Comptroller Louis Goldstein and Anne Arundel County Executive James O. Lighthizer.

Immediately following the formal dedication ceremony tours of the offices and laboratories will be offered.

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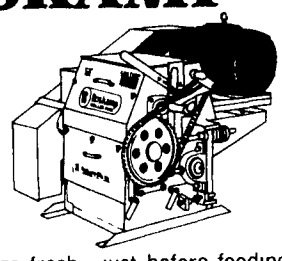

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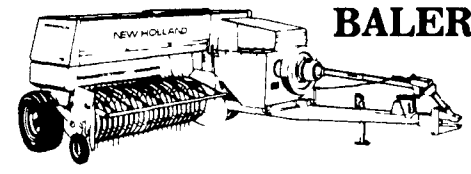

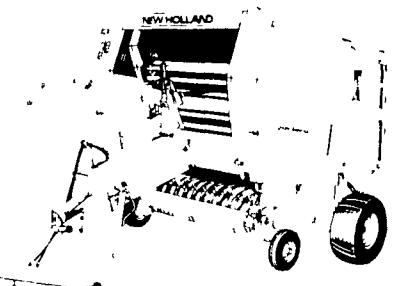

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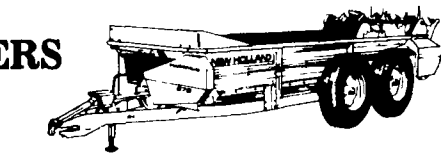
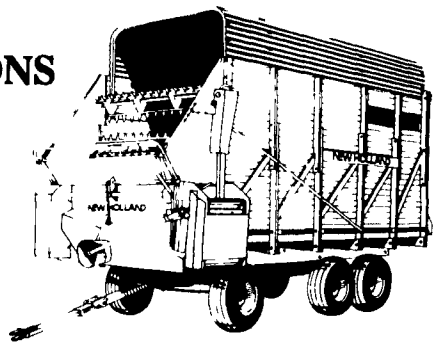
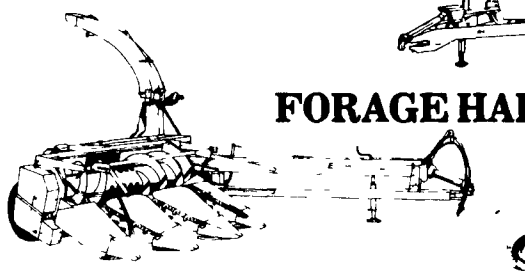


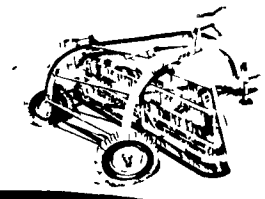
FORAGE WAGONS



SPREADERS



FORAGE HARVESTERS



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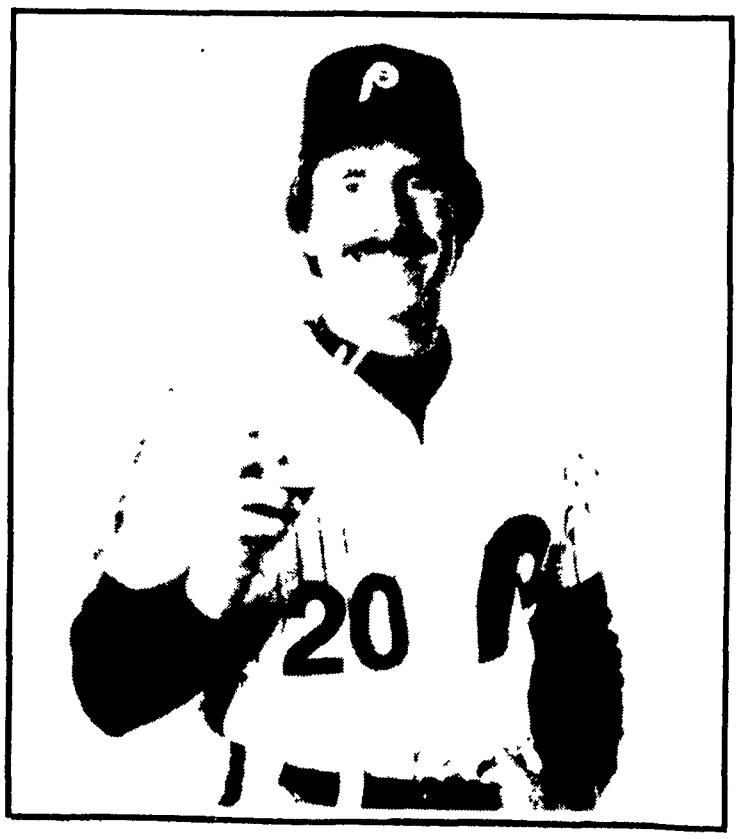

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Post family keeps active on and off the farm

BY NANCY KUNICK
Staff Correspondent

MEADVILLE — Family farms are still a vital part of rural America, as one can see after visiting the Alden Post family on their dairy operation in Crawford County.

Alden's father purchased the farm in the early 1920's and Alden began farming with his dad at a very early age. Now Alden shares the workload with his sons, Jack and Glenn.

Jack has been active in the farm on Post-Ridge all his life, even though he did take time to get an education at Penn State. After graduation in 1974 and working for the Cooperative Extension Service in Crawford County from February, 1975 to May of 1976, Jack became an integral part of the operation.

Glenn is also a help on the farm. He will graduate from Maplewood High School next week and has already rebuilt one of the farms' tractors at the Vo-Tech school in the Diesel Mechanics course. He also works at the farm in connection with the school Co-op program.

The Posts have recently shown an increase in production and this is attributed to improvements in breeding and feeding techniques. Jack related that they are now breeding for higher test.

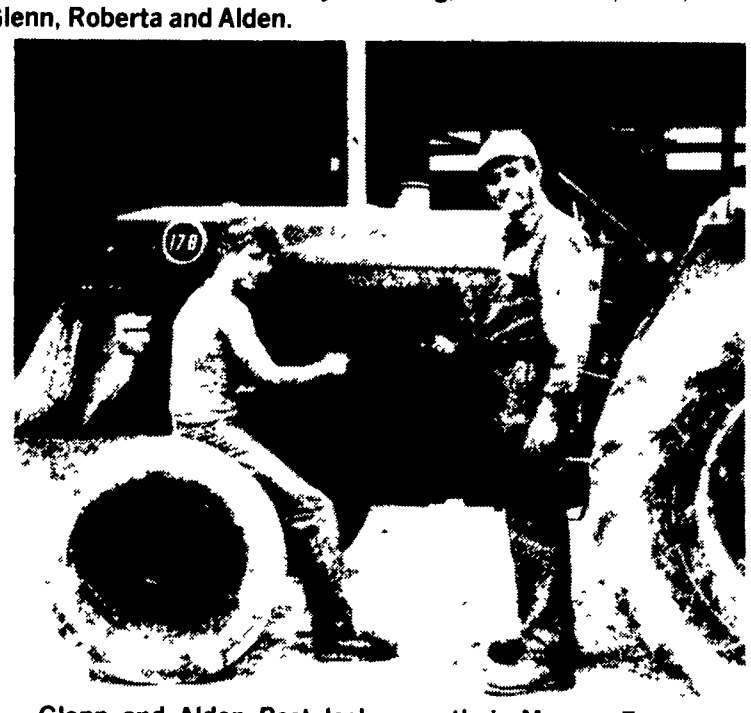
"We changed direction in breeding and now we are not going for just milk and type," he said.

One of the reasons was to improve salability of their registered Holsteins. Kingway Elevation Very seemed to be the bull to make the transition. Jack admits now that perhaps they leaned too heavily toward him, with approximately 20 Kingway daughters in their herd presently. He quickly pointed out that those are testing much higher than their dams, although Kingway's daughters were slow to mature. Several bulls are used, but all are selected on test as well as milk and type.

The second obstacle in breeding was the use of bulls to breed heifers. Due to an infertile bull, production was hampered in 1982 and 1983. Since this incident, AI is used on the heifers as well as the cows. Jack has been breeding the livestock for the past seven years and feels there are definite advantages although the initial cost of a tank and the recurring cost of semen must be considered. In addition to the obvious advantages, like timeliness and saving the service fee, the farmer can tell if there are internal problems and can also infuse for infections.

It's a family affair for the Post clan of Crawford County including, from the left, Jack, Pam, Jeremy, Tracy (front), Glenn, Roberta and Alden.

Alden Post works to clear a plugged pipe.



Glenn and Alden Post look over their Massey Ferguson 178.

The one other change that seems to have had an effect on production is the feeding schedule. No changes have been made in the feeding program, just in the order of feeding. Posts have learned due to a PH imbalance, cows should not consume grain on an empty stomach. Therefore, silage or hay has preceded the grain. Although this has been difficult to monitor, it seems to have played a part in the increase in production. The rolling herd average on the 55 Holsteins presently is 16,680 milk and 605 fat.

A close watch is also kept on the herd for sickness. Each month the veterinarian makes a visit to check reproductive problems, pregnancy checks, etc. Believers in vaccines, the herd is vaccinated for Bar 4, Lepto and Somatostaph. Alden and Jack feel that the vaccination is well worth the time and effort it takes, although it must be continued once introduced.

Each member of the Post family has interests off the farm, as well as carrying their workload on the 230 acre farm, 70 of which is rented from adjacent neighbors.

Alden is the milker of the family and is able to handle the chore by himself. He and Jack feel this is quite an achievement and they've worked to maintain a one-person milking system. A few years ago they were leaning toward housing more cattle and "switching" during the milking, but refrained. They did add to the length of the barn to accommodate more tie stalls, in this way still allowing for one person to do all the milking.

Fallen tree in pasture provides a spot to relax for Jack, Pa., Jeremy and Tracy Post.

Off the farm Alden is active in the Centerville Baptist Church, a former school board member for 12 years, a Township Auditor and Republican committeeman. The duties don't end there. He and his wife, Roberta are dairy 4-H leaders and he is an Agway committeeman. In addition he has served four terms on the Extension committee and is on the Legislative committee for PFA. In fact, Alden proudly mentioned that he and his father joined the Crawford County Farmers' Association just one year after it was established in the mid '50's.

Jack has since joined, becoming the third generation to belong to CCFA. He is the current President of CCFA and being in that position he is able to communicate the concerns and benefits of the association's members.

A major reason that the Farmer's Association exists is that there was a need for the farmers' voice to be heard, especially by the legislators. Jack became active in the association because he realized the strong part that politics play in determining the farm's income.

"The government will never be out of agriculture. It feels responsible to the farmers and the public for stability in the market." Jack added that "it's difficult for people to accept the governments' role in agriculture. It (politics) is viewed as a dirty game but farmers must learn how to play it or other interests will."

Farmers can and have been able to do just this through PFA by communicating to legislators their needs. A few of the results have been gas tax refunds, silo real estate exemption, and tax exemptions for certain farm goods. PFA was also active in lobbying for the Compromise Bill in dealing with the milk surplus. Although successful at the state level it failed in Washington. However, legislators have not heard the last on the subject. Farmers are continuing to speak out at agricultural forums and are being heard.

Jack is also involved in church and community activities. He and Alden are members of the Holstein Association, Atlantic Breeders Coop., Milk Marketing Coop., COBA and others. The Posts realize the need for farmers to improve and utilize these organizations to benefit their operation as well as agriculture.

Alden and his wife Roberta have two daughters, in addition, to sons, Jack and Glenn. All the women are in the medical profession. Roberta and daughter Rose Anne are registered nurses and the eldest, June is a medical technologist.

Glenn has been active in dairy 4-H along with extra curricular events at school, such as wrestling

(Turn to Page A31)

Sen. Noah W. Wenger, right, of Lancaster and Chester counties, presents Commonwealth flag to Richard Newpher, Administrative Secretary of Pennsylvania Farmers' Association. Presentation was made at Open House for new and expanded PFA office facilities at Camp Hill.

Strickler to head Natl. Dairy Promotion Board

WASHINGTON, D.C. — Kansas dairyman Ivan K. Strickler, of Iola, Kan., was elected chairman of the National Dairy Promotion Board Wednesday at the Board's first meeting held at the USDA office in Washington, D.C.

Strickler, president of Mid-America Dairymen Inc., was elected to head the 36-member board appointed by Secretary of Agriculture John Block. Louis Calcagno, Moss Landing, Calif., was elected vice chairman. Calcagno is chairman of the California Milk Advisory Board and is associated with the California Cooperative Creamery.

Elected secretary was John A. Malcheski, president of Consolidated Badger Cooperative. Malcheski hails from Pulaski, Wisc. New York dairyman John Widger, of Ellicottville, N.Y., was elected secretary. Widger is 1st vice president of Dairylea Cooperative Inc.

In addition to the elections, the Board adopted its by-laws and discussed a possible location for its national office. The Board also authorized its officers to appoint members to the various committees. These appointments were to be made by the end of this week, according to Keith Eckel, president of the Pa. Farmers Association, who is one of three members appointed to represent Region 11.

The committees structured under the National Dairy Promotion Board include the following: Advertising and Sales Promotion; Product Research and Development; Nutritional Research; Program Evaluation; Management and Audit; Industry Communciations; and Personnel.

The most significant decision made by the Board Wednesday, Eckel said, pertained to product advertising. The Board, at the present time, voted to certify only generic advertising with plans to review brand advertising at a later date.

The feeling of the group at that moment, Eckel said, was to go with generic advertising and later review the brand advertising proposal.

"We need to implement an aggressive advertising program as soon as possible," Eckel said. "The generic advertising program is best known to the Board and can be implemented more quickly."

Eckel said that the National Dairy Promotion Board's first meeting had 100 percent participation as all 36 members were in attendance. "The members of the Board are eager to get on with the business of promotion and advertising," he said.

The Board's next meeting is scheduled for June 21 and 22. Plans are underway to review proposals concerning the Advertising and Sales Promotion Committee.

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Post family

(Continued from Page A30)

and band. This fall he will leave for a 16 week course with the Army Reserves.

Jack and his wife Pam have a busy life too. Pam helps at the farm with record keeping, in addition to raising their children; five year old Tracy and two year old Jeremy. She also is employed by the Penncrest School District as a substitute teacher.

As with most farms there is never a lack of things to do. Feeding the calves, milking the cows, getting newborns in from the pasture, repairing machinery, fixing the bulk tank, digging drains and running farm errands are all in a days' work at the Post-Ridge Farm.

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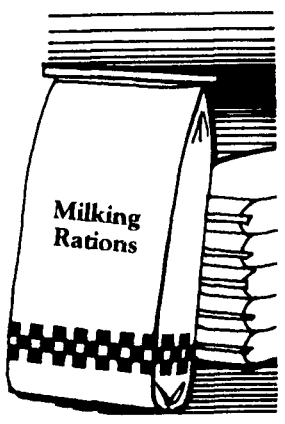

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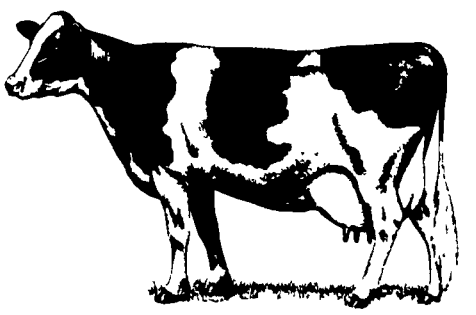
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Robel Acres

Bagging machine packages milk at Robel Acres

(Continued from Page A26)

perhaps "knock" some of the popular soft drink commercials.

The Whitefords sell their excess milk, about 25 percent of their total milk production, to a cheese plant in Maryland. Bill says they get a better price for it there than they would if they sold it to a large commercial dairy operation.

"Federal regulations mandate that our milk, because it is our excess milk, must be considered Class II instead of Class I," Bill states. This translates into lower prices although they contend that their milk is shipped in the same trucks as Class I milk.

To keep prices down (they charge $1.80 per gallon of whole milk) the Whitefords must keep their retail operation on farm property. If they moved it to a more central location where more potential customers would be, they would be forced to charge the same price as other competitors.

Bob maintains that there are now more regulations to be complied with in operating a retail outlet. About once a month a federal inspector comes to the store and purchases a bag of each type of milk to check for quality, specifically to see if water or powder is being added to the milk. Kay says, "They never find anything like that in our milk. People really like the taste of our milk. They say it lasts longer and is fresh. Many say their children won't drink anything else."

Despite the concerns that go with operating their own outlet, Bob says, "I still feel more comfortable selling it like this than shipping it to the large dairies. You can regulate your income better, too. You can price your milk to sell it all, if you have to."

Bill perhaps sums it up best when he says, "It's tough to be in the dairy business, but it's worth it.'

To promote dairy month during June, store specials at Robel Acres will include a 25 cent ice cream cone.

WHYL to air dairy trivia contest

CARLISLE — The Cumberland and Perry County Milk Promotion Committee has organized a Dairy Trivia Contest that will be aired on WHYL radio, Carlisle, during the month of June.

Each day in June WHYL will broadcast a dairy trivia question between 10 a.m. and 3 p.m.

One winner per day will receive a $10 gift and three pounds of real AA grade butter. A grand prize winner will be randomly selected from the list of dairy winners early in July. The grand prize, provided by Agway, Inc., is $100.

The committee hopes to increase interest and knowledge in the dairy industry through this contest.

"The purposse is to promote a better understanding of the nutritive qualities of milk and milk products," committee member Dan Martin Jr., said.

Contest sponsors are Leo's Dairy Market, Ashcomb Farms Dairy, Western Sizzlin Steak House and Agway, Inc.

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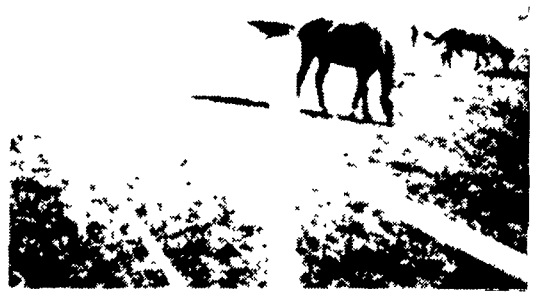

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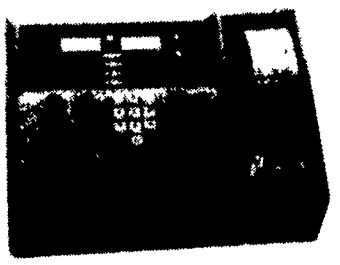

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Advancement in technology needed for food production

UNIVERSITY PARK — Applying scientific "know how" is the best of three options for increasing U.S. food production, says Charles R. Krueger, Associate Dean of the College of Agriculture at Penn State.

He termed scientific "know how" — technological change through research — as "the greatest potential for the future." The other options, he said, are to expand acres of cropland or to use greater amounts of fertilizers, pesticides, and machinery.

"Research to increase the economy of production — not only in the monetary sense but also in use of resources — is vital if we are to keep to a minimum the rising costs of basic foods," he declared.

As for expanding acreage of cropland, he said some additional acres could be upgraded or brought into direct food production. Yields per acre would not be high with these new acres, he pointed out. Above all, many of these lands are fragile and are best used by leaving them in forage crops, rangeland, or trees.

Greater use of capital for fertilizers, pesticides, and machinery — the other option — has its problems. Cost and availability of these inputs, he noted, seriously hinder the expansion of farm production by this method.

Krueger said the growth rate for U.S. agricultural productivity began to slow in the 1960's after 20 years of accelerated growth. Overall, the average annual growth rate over the past 50 years has been about 1.5 percent.

Improved farm technology through research was examined in a study published by the Economic Research Service of the U.S. Department of Agriculture. Dr. Krueger summarized aspects of the USDA analysis.

Agricultural productivity over the last 200 years, he said, can be viewed as a series of four successive growth curves — human power, horse power, mechanical power, and science power.

The USDA study observed that modern technology and "science power," unlike the earlier periods, is manmade and can be continually increased through research and development.

In the Agricultural Experiment Stations of land-grant colleges, production-oriented research generates new information and production tools which the Cooperative Extension Service carries to farmer-producers. At the same time, decision makers can alter the growth rate of agricultural productivity by determining the level of public funds, federal and state, made available for research and extension.

The impact of three levels of support for agricultural research and extension was examined. If support only keeps pace with inflation, a low-technology support, the annual growth rate of agricultural productivity is 1 percent.

"If funding for research and extension were to increase 3 percent annually, a moderate support, the growth rate for productivity would be 1.1 percent," Dr. Krueger stated.

"High funding for research and extension, at 7 percent annually, would result in a growth rate of 1.3 percent for agricultural productivity. This higher level of support for research would likely result in very significant technological breakthroughs," he affirmed.

Over the next 45 years, a high technology support for research should allow agricultural productivity to maintain the 1.5 percent growth of the past 50 years, he predicted. The time span should allow for important "breakthroughs" in technology, he added, and allow time for widespread adoption of improved techniques.

The U.S. Department of Agriculture report listed 12 emerging technologies vital to agricultural productivity. Dr. Krueger said most of these were also described by the National Academy of Sciences as being crucial:

1. Increase photosynthetic efficiency. This would improve, through genetic selection, the process by which plants form carbohydrates. Equally important, it would enhance the biological capacity of plants to absorb nitrogen for protein synthesis.
2. Improve water and fertilizer management.
3. Enhance crop pest control strategies.
4. Use controlled environment or greenhouse agriculture.
5. Increase annual yields per acre with multiple and intensive cropping.
6. Expand the use of minimum or reduced tillage techniques.
7. Apply bioregulators — natural and synthetic compounds which regulate the ripening and aging of horticultural products.
8. Develop new and improved hybrids and search for alternate food crops.
9. Extend bioprocessing, a technique converting unpalatable raw products, such as cellulose and petroleum materials, into edible protein for additional livestock feed.
10. Inhibit tendency of plants to lose water through evaporation.
11. Breed plants that will withstand drought and salinity.
12. Produce multiple births in beef cattle through use of genetic traits that produce twins. Also use multiple ovulation through hormonal control. Improve and expand the use of embryo transfers.

Blue mold in South

LANCASTER — Blue mold is rearing its ugly head again, reports John Yocum, of Penn State's Southeast Research Farm.

Active cases of Blue mold have been found in Florida, where the outbreak is limited to two fields which were not treated.

Kentucky has also issued a Blue mold alert.

Yocum recommends that tobacco growers get out their Ridomil and be prepared.

The recent cool, damp weather is just right for the development and spread of blue mold and area growers should be ready, Yocum said.

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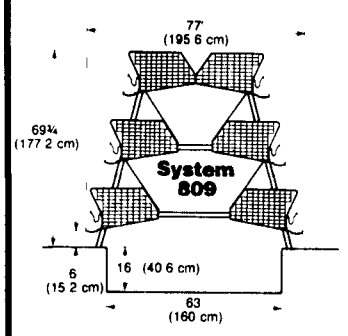

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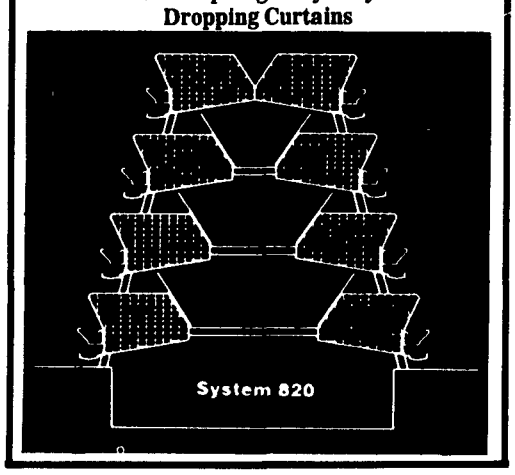

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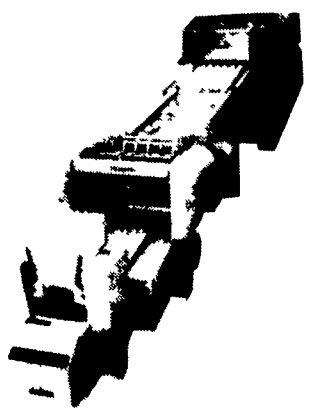

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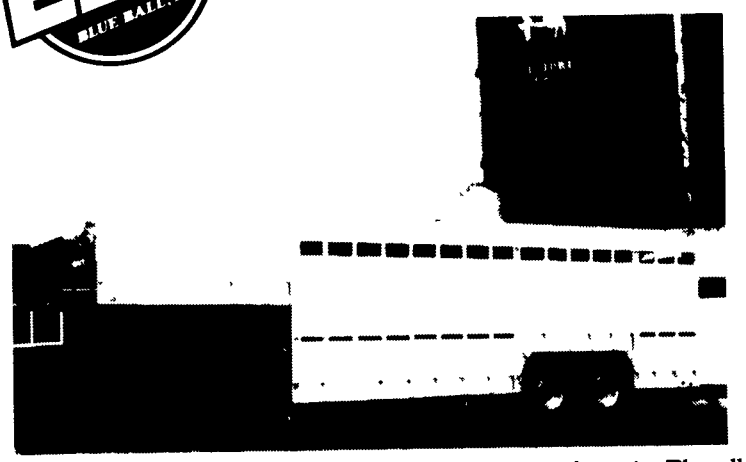

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"Several factors have contributed to our current problem. Probably the most important one is oversupply."

DAIRY'S FUTURE

Whatever it holds, it's in your hands

(Continued from Page A1)

"I'm very optimistic about the dairy industry's future," said Frederick A. Hughes, farm management specialist at Penn State. "The fact that we need dairy products in our diet and that someone has to produce them, will provide strength to the dairy industry in the future."

Strength will be provided, Hughes is assured, but dairymen are going to have to pay close attention to details and try to save money. "You've got to be a planner," he said, "and always think ahead, what's next, what's next."

To be a planner, dairy farmers need to be in touch with the problems of the industry, Hughes said. The biggest problem is the milk surplus.

"Several factors have contributed to our current problem," Hughes said. "Probably the most important one is oversupply."

"We're up to 139 billion pounds of milk total," Hughes continued. "Our normal consumption, with the government buying five billion pounds for welfare, military and school lunch programs, is about 125 billion pounds."

To rid of the surplus - the 14 billion pounds of milk - the dairy industry is going to need to find more markets and other uses for milk, or its going to need to promote its product, Hughes said. A program like the recent dairy diversion program is not going to solve the surplus problem, he added.

"Many dairymen that signed up (for the program) will come back up to higher production levels at the end of the 15-month period," Hughes said, "and that's not going to solve the surplus problem."

Hughes predicts that the milk production level in 1985 will "kick right back up to the high levels we've had before." This, in combination with a lowering of the support prices by the government, spells trouble for some dairymen.

"If they lower the support prices like they're bound to do," Hughes said, "they're going to kick some people, the poor managers, right out of the business."

Oversupply and economic problems forcing dairymen out of the business will result in a lower surplus level, Hughes said, and this will help the surplus problem.

"If you're going to get rid of the surplus," he continued, "you would have to lose about 20,000 farmers that are averaging 50-cow herds and 13,000 pounds of production. That's 10 percent of the dairy herds."

Whether or not forcing farmers out of business will help get rid of the surplus, Hughes said that farmers will need to take a more active role in promoting their product. "Farmers have to deal with the problem of promotion," he said. "It's their product and they ought to be promoting it."

While oversupply is the major problem facing dairymen, it is not the sole factor. High feed and machinery costs and economic factors are also of concern, Hughes said, and this is where good management comes into play.

Farm Management

Dairy farmers need to be good managers in both farm production and financial matters, Hughes said, adding "you can't have one without the other." Farmers have to have a feel for the daily handling of their livestock and pay close attention to details and at the same time know what's been invested in the business, Hughes explained.

"You have to look at profitability," Hughes said of farm management practices. For example, does the machinery fit the farm? Are cows being fed just what they need? What is being paid in labor costs?

These are important considerations, Hughes stressed, in light of the fact that a direct combination of over production and lower milk prices, coupled with a continuing increase in the costs of farm inputs places a financial burden on dairymen.

Farm input costs increased between seven and nine percent last year, Hughes said. He expects the same to be true for 1984 with the major increase being in seed (20 to 25 percent) and fertilizer (six to eight percent) costs. "We'll see an increase in seed cost due to last summer's drought," Hughes explained. "Increased fertilizer costs will be the result of a low nitrogen supply."

Farmers are purchasing more of their inputs than they did 20 years ago, Hughes said, and they're going to need to be more careful as to how they use those inputs.

"Try to feed that cow according to what she really needs, and fertilize that land to what is really needed out there," Hughes said, adding that "farmers are going to have to be more technical and pay a lot more attention to details than he has in the past."

Farmers also need to adjust their management practices. "Farmers are creatures of habit," Hughes said. "Once they start to do something they keep on doing it year after year after year, the way they did it last year.

"They don't adjust their management to fit the conditions of the year. A good manager won't do that. He won't throw money down the drain."

Keeping up-to-date on farm management practices is important, Hughes said. Farmers should consider attending farm meetings, field days, crop days and financial management workshops.

"Those farmers not willing to learn are the ones that are going out (of business)," Hughes said. "I don't hesitiate to stand up in a room with a thousand people and tell them that. I just plain out and tell them, if you aren't going to manage, you aren't going to learn, you aren't going to keep up and you aren't going to be farming."

Future Outlook

Hughes said he sees a strong future for dairy farming, but the next couple of years will be tough on poor managers. "We're going to have a real shakeout of dairymen in 1985 and 1986," he said. "We've already seen some increase in foreclosures."

The farmer who is going to survive the "tough times" is the one who is a good manager, Hughes said.

"I think in the next two to three years, dairying is going to be very tough," he said. "I think its going to be a real squeeze on farmers, both good and bad.

"The good farmer is going to make out. He isn't going to make the profit he made in the 1970's, but I think that down the road in the late 1980's, when this situation turns around and we clean up the surplus, the dairy farmer is going to be as profitable as he was in the past."

Good manager

"The farmer who is going to survive the tough times is the one who is a good manager."

Feed and fertilize according to need

"Try to feed that cow according to what she really needs, and fertilize that land to what is really needed out there."

June is dairy month

June is dairy month

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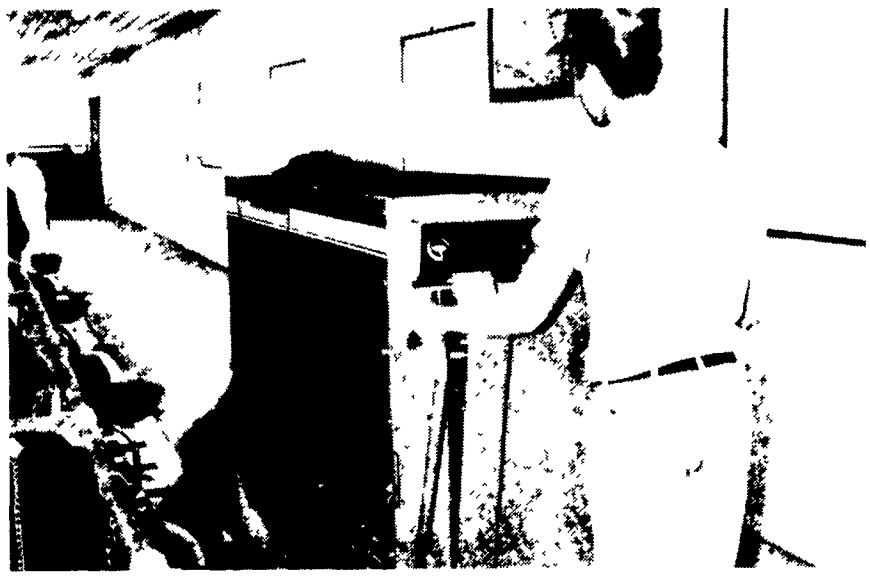

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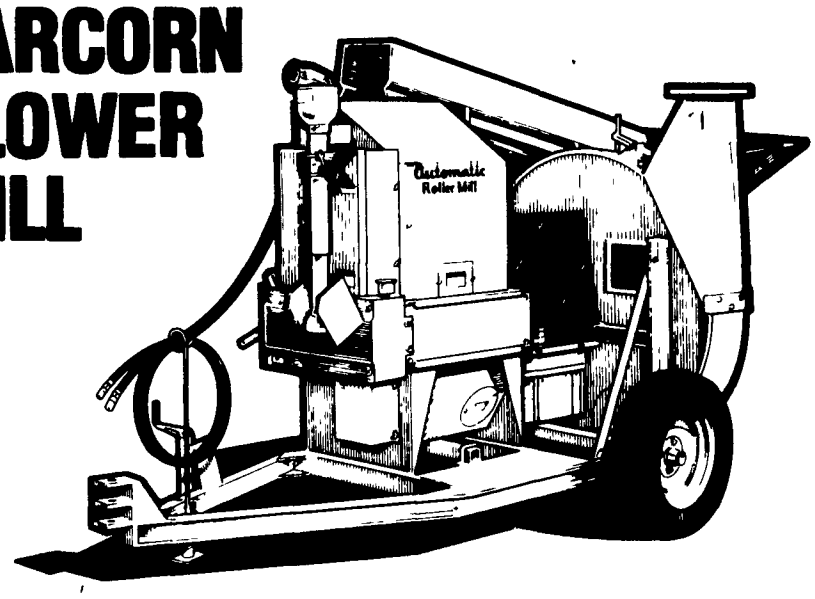

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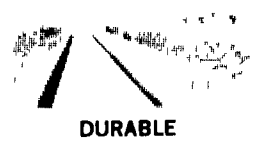

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Mystery Tipper

(Continued from Page A12)

"would you like milk with your meal." The waitress or waiter will also receive a card stating, "Congratulations! You have just won $10 for suggesting MILK with my meal."

In the event a waitress or waiter does not offer milk, the mystery tipper will leave a card stating, "I'm terribly sorry! I was instructed to give you a $10 tip if you would have suggested MILK with my meal."

To date, several business and individuals have pledged money to the statewide mystery tipper program. Agribusinesses include the following: Atlantic Dairy Association; American Breeders Service; Berks County Dairy Farmers Association; Brookfield Dairy, Carnation Genetics; Coba-Select Sires Inc.; Clearfield County Holstein Club; Farm Credit of Chester County; and Farmshine.

Also Galen Martin Inc.; Inter-State Milk Producers Cooperative; Kissinger, Leonard and Brown Realtors; Lancaster Farming; Milk Marketing Inc.; Pa. Brown Swiss Breeders Association; Pa. Farmers Association; Pa. Holstein Association; Pennbank; Pennfield Feeds; Sire Power Inc.; Taurus Service Inc.; Terry Swartz, Special Sires Inc.; and V.T. Smith Dairy and Producers.

Individuals and dairy groups include: Secretary of Agriculture Penrose Hallowell; Donald Ackerman; A. Hess Brubaker; Galen Furry; Julius Replogle; Chester County Milk Promotion Committee; Crawford County Dairy Promotion Committee; Lancaster County Dairy Promotion Committee; Lebanon County Dairy Promotion Committee; York County Dairy Princess and Promotion Committee; and Washington County Dairy Promotion and Princess Committee.

Those groups or individuals wishing to participate in the program and promote milk should contact the Pa. Holstein Association, 839 Benner Pike; State College, PA. 16801, 814-234-0364.

CONGRATULATIONS!

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PHONE _____

REAL *makes the meal!*

I'M TERRIBLY SORRY!

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REAL *makes the meal!*

I'M TERRIBLY SORRY!

I was instructed to give you a $ _____ tip if you would have suggested MILK with my meal

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REAL *makes the meal!*

CONGRATULATIONS!

You have just won $ ____ for suggesting MILK with my meal.

Thank you for your support

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NAME _____

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PHONE _____

REAL *makes the meal!*

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NAME _____

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PHONE _____

REAL *makes the meal!*

CONGRATULATIONS!

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NAME _____

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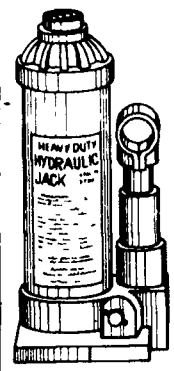
REAL *makes the meal!*

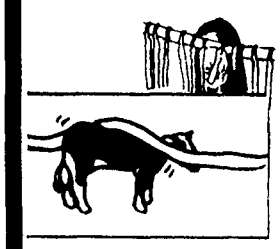
SAVE BIG at E.M. HERR'S EVERY DAY LOW PRICES



Hydraulic Bottle Jacks

• Compact in construction, light in weight • High in Hydraulic pressure stroke and quick in lifting

TON	REG.	SALE
1½	$10.99	$ 8.99
2	$11.95	$ 9.99
4	$16.95	$12.99
6	$21.95	$16.99
8	$29.95	$25.99
12	$43.95	$36.99
20	$59.95	$48.99



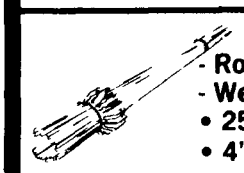
Cattle Rub

• Pour insecticide along 10' length and let cattle do rest • Use with Face Flyps and get a more effective fly control

Reg. $18.95 SALE $13.99

Face Flyps• For more effective fly control use with the above Cattle Rub

Reg. $8.99 SALE $6.59

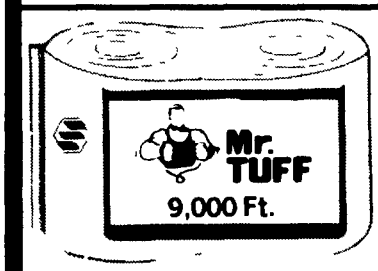


48" Electrical Fence Posts

- Round Rod Style
- Welded Anchor Plate
- 25 per bundle
- 4' high

Reg. 69¢ 59¢ ea

Bundle of 25 $14.75



TRUCKLOAD BALER TWINE HAS ARRIVED

100% sisalana fiber
2 spools per bale

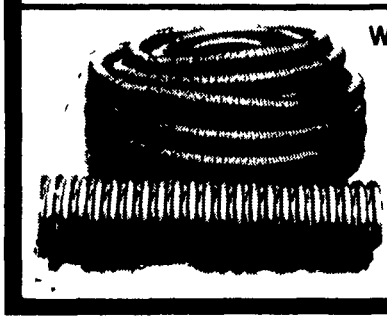
Produced under the "I.D." system:
• Uniformity • True Length
• Strength • Knot Strength
• No missing ends, multi ends, or knots

9,000 ft. per bale
Gross weight - 40 lbs.
231 ft. per lbs.
Tensile strenth - 325 lbs.
Knot Strength - 130 lbs.
also available on 10,000 ft.

$16.75/Bale 50 or More
$17.00 ea 10-50 Bales

SAVE UP TO 30%

On Manure Spreader Aprons
w/Gratz Chain & Silage Wagon Aprons



Where in earth could you use DS?

DRAINAGE PIPES

• Wet Spots
• Curing Erosion Problems
• Poor Yielding Crops
• Hillside Seeps
• Root Development
• Terrace Drainage
• Water Table Control

GREASE CARTRIDGE TUBES

• Multi-Purpose
• 14 oz.

Reg. 99¢ 69¢ ea.

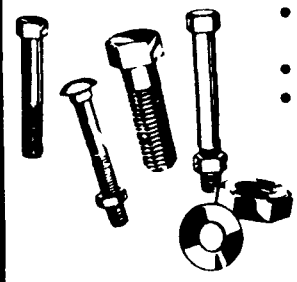
White Creosote Paint

• Lead-free linseed oil base for barn, outbuildings, fence, etc
• Harmless to livestock • No 100 • 2 Gallon Size

Red Available

$16.99 2 Gal.
Reg. $22.95

Nuts, Bolts & Washers



• Hex & Carriage Bolts
• Zinc & Plain
• We Now Have Fine Thread Bolts & Nuts

Grade 2 99¢/Lb.
Grade 5 $1.19/Lb.
10 Lb. Or More

Aluminum Roof Coating

• Extra Bright
• Fibered • 5 Gal. Pail

Reg. $33.99

(In Stock Only) SALE $22.99

VISA

SPECIALS EFFECTIVE THRU JUNE 9

We UPS Anywhere - Just Call 717-464-3321

Or Toll Free (Area Codes 717 & 215)

1-800 732-0053

EMHERR
FARM & HOME SUPPLY
R.D. 1, Rte. 272 South, Herrville Rd.
Willow Street, Pa.
Phone: (717) 464-3321

Store Hours:
Mon.-Thurs. 7:30 AM - 6:00 PM
Sat. 7:30 AM - 5:00 PM
Fri. 7:30 AM - 9:00 PM

Southeast Pa. dairymen coordinate their own promotion

BY ROBIN PHILLIPS
Staff Correspondent

HAMBURG — Berks County is home to over 400 hard-working, dedicated dairymen. At a time when many dairymen across the nation and throughout the state are sitting back and waiting to see what happens with the new advertising deduction and the current milk program, a group of Berks dairymen have formed their own "action committee" to prove their interest in marketing their product.

Calling themselves the Southeastern Pennsylvania Milk Promoters, these dairymen have put their ideas into action and are currently running daily promotional milk commercials on WHUM, a Reading based radio station.

"We were discussing what we could do on a local level," said Roy Hoppes, R1 Mohrsville, the president of the group.

Hoppes related the beginning of the organization as a friendly discussion at a local dairy meeting in his district. Because few people are willing to do anything on their own, he said, the group was formed and officers elected. "We thought we could develop a positive image for milk." Hoppes added.

With Hoppes as president, Linda Moser, of Bally, as vice president, and Robert Dreisbach, of Hamburg, as secretary/treasurer, the group was ready to utilize its ideas. "The reason we went to radio," Hoppes said, "was the price comparison. This is definately the way to go. We can't advertise milk often enough or enough different ways."

"Radio is an excellent tool for the power of suggestion. It's amazing what the power of suggestion can do," Hoppes continued, stating that his group wanted to use fresh ideas, and, "we're trying to get people to think of milk."

The main commercial the group uses is a catchy jingle that was recorded by WHUM station and David Kline, one of the station's leading broadcasters. "He's a young man who's very health oriented. He's ideal for what we want to do," Hoppes said.

"He was doing more for us pushing it (milk)," said Robert Dreisbach about Kline in comparison to the other radio stations that were contacted.

The current commercial can be used in a combination of 60-second and 30-second spots. It can also be changed or modified to coincide with the seasons. The group is mainly concerned with the advertising of fluid milk but will include promotions for ice cream later this summer.

Hoppes said plans are also underway to push chocolate milk, milkshakes and hot chocolate in the wintertime. "Milk is the only natural product that has a variety of uses," Hoppes said and added that this approach may be used in one of the group's commercials.

The group operates on donations from dairymen. "There're no administrative costs in this," Hoppes said. The current membership of over 30 contributing dairymen are seeking others to support this endeavor. Several granges have expressed their support and several businesses have shown an interest in contributing too.

However, Hoppes said, "We're asking dairy farmers for their support first. If I can't get dairy farmers to support this, why should agribusiness?"

The commercials are broadcast daily, and the group operates on a monthly contract basis with the radio station. "We plan to continue indefinately, as long as the funds come in," Hoppes said. Dairymen are asked to donate what they can. At the end of the commercial it is announced that it is paid for by the Southeastern Pennsylvania Milk Promoters. The group is also offering to individuals or organizations donating $240 or more, the announcing of their name or business following the commercial.

"We're looking to get a grant from the state," Hoppes said. Dreisbach said that they have applied for matching funds from the American Dairy Association and also to the state dairy association. The group had contacted the Middle Atlantic Milk Marketing Association concerning their current advertising and found out that those commercials do not get aired in Berks or Lehigh Counties.

(Turn to Page A38)

Ray Hoppes, a Holstein dairyman from Mohrsville, sits at his kitchen table with a glass of milk and talks about his group's efforts to promote their product - milk.

WESTFALIA HIGH TECH DAIRYING®

VISOTRON

WESTFALIA SYSTEMAT

High Tech control for stanchion barn operations

High tech control is now available for stanchion barn operations with the Westfalia Visotron Every cow has different milking tendencies and Westfalia's Visotron will help you get all the milk from every cow

With the Visotron, you can monitor milk flow, control pulsation and even regulate vacuum on an individualized basis for each cow

Visotron saves time and money. Each cow gets the individual attention she needs to give all her milk comfortably without the need for manual supervision. The result: increased production and profit

The Visotron is portable and easy to install It's the kind of addition to your dairy that will pay for itself in a very short time

Contact your Westfalia Sales Center today Find out why Westfalia is truly the leader in high tech dairy equipment

JUNE DAIRY MONTH SPECIAL

June is dairy month

Dairymen...

During the month of June we at Fisher & Thompson are giving away VISOTRONS.

For Every 3 Visotrons Purchased, We Will Give The 4th One FREE

Learn What The Visotron Will Do For You, From Current Users And On The Farm Demonstrations.

FISHER & THOMPSON ASSOCIATES

Milk Equipment Sales & Service
21 E. Woods Dr. Lititz, Pa.
CALL 717-627-1530
24 HR. SERVICE

Amos Fisher
717-687-8871

Rich Thompson
717-627-1530

Southeast dairymen

(Continued from Page A37)

"I'd love to go to a Lehigh station," Hoppes said. "Most of our milk goes there."

"We'd like to get all dairy farmers in Southeastern Pennsylvania participating and go into more radio stations," Dreisbach said. "You have to put your ad where the most people are going to drink your milk."

The group would like to include Lehigh, Bucks, Montgomery, Lancaster, Lebanon and Berks Counties. With addition funds they want to utilize the radio stations in Allentown, Philadelphia and also in Bucks County.

Although these dairymen are enthusiastic about their new group and the effects of their concentrated promotions, they are not deluding themselves into thinking that this is the answer for the milk surplus.

"We can advertise and get people to try it (milk), and they go to the store and buy a bad bottle of milk...," Hoppes said without having to finish his sentence. "We have to promote our milk first. Along with our promotion we need to get legislature to pass higher standards. It's going to take a combination of the two."

It has to be a good product and people must know about it according to Robert Dreisbach. "You can't have one without the other," he said. "This really should have been started 15 to 20 years ago."

As he reflected back on what a few ideas tossed around a table in early March have resulted in, Hoppes said he is pleased so far. He said his group wanted to try fresh ideas and that these radio spots are giving them a chance. "We ought to re-evaluate the way we market milk," he said when thinking of past approaches.

As for his group, he added, "We're just a bunch of local guys that aren't satisfied with the way things are going and are trying to do something on our own." Dreisbach echoed the same sentiments by adding, "farmers should be willing to sell their milk, if not, you might as well give up."

This is the current schedule for the commercials of the Southeastern Pennsylvania Milk Promoters.

60 seconds, Monday, 6 A.M. to 10 A.M.; 30 seconds, Tuesday, 10 A.M. to 3 P.M.; 60 seconds, Wednesday, 3 P.M. to 7 P.M.; 30 seconds, Thursday, 6 A.M. to 10 A.M.; 60 seconds, Friday, 10 A.M. to 3 P.M.; 30 Seconds, Saturday, 10 A.M. to 3 P.M.; 30 seconds, Sunday, 1 P.M. to 3 P.M. on the East Side Dave Blue Grass Festival.

All commercials are on WHUM. Coming highlights will include an on-farm interview by Dave Kline.

Anyone is welcome to join the effort. Fill out the form below and do your share to help today.

SOUTHEASTERN PENNSYLVANIA MILK PROMOTERS

Have you heard the milk commercials that have been prepared by WHUM for the Southeastern Pennsylvania Milk Promoters? We need funds to have these milk commercials on various radio stations in Southeastern Pennsylvania.

To have an adequate number of milk commercials aired and to establish a positive milk image, we will need a minimum of five hundred dollars ($500) monthly to start the program and more contributions to expand this milk promotion program at a later date. A $240 donation will entitle the contributor to have his name listed as a sponsor.

Received of _____ Date _____
_____ dollars by the Southeaster Milk Promoters.
Signed _____

Name _____ Date _____
Address _____ Phone _____
_____
Sponsor Name _____
Donation Amount _____ Cash _____ Check _____

Make checks payable to Southeastern Pennsylvania Milk Promoters and mail to Robert Dreisbach, R.D. #3, Box 626, Hamburg, Pa. 19526.

Examples:

$ 5.00 monthly	$ 60.00 per year	=	3 commercials
$10.00 monthly	$120.00 per year	=	6 commercials
$15.00 monthly	$180.00 per year	=	9 commercials
$20.00 monthly	$240.00 per year	=	12 commercials
$25.00 monthly	$300.00 per year	=	15 commercials
$30.00 monthly	$360.00 per year	=	18 commercials
$40.00 monthly	$480.00 per year	=	24 commercials

Capitol cow

(Continued from Page A1)

American Dairy Association office in Towson, Md., to the Kauffman farm confirmed her selection, and Ada was off to Harrisburg.

Robert Kauffman, a well-known dairyman in the Holstein circles, said he was asked to provide a cow for the state June Dairy Month Proclamation party held yesterday in Harrisburg. He said he selected Ada because "you want a cow that is tame and leads well and will cooperate in an event like this."

Ada is actually owned by Kauffman's son, Steve, who farms with his father. As a 4-H and FFA member, Steve showed Ada at area shows where she was often awarded first in her class and overall grand champion female titles. Her experience in off-the-farm activities convinced Kauffman that she was the one for the June Dairy Month kick-off.

Considering her qualifications for such an honor, one should not overlook Ada's production background and pedigree. At three years, Ada produced 24,791 pounds of milk and 963 pounds of butterfat with a 3.9 percent fat test. She had an equally impressive 4-year-old record with 23,136 pounds of milk and 941 pounds of butterfat at a 4.1 percent fat test.

Ada's pedigree goes back to a Round Oak Rag Apple Elevation dam which classified very good. She, herself, was sired by Poverty Hollow Milestone.

Kauffman said he was honored to be asked to provide a cow for the June Dairy Month festivities. Ada, all washed up and clipped for the event, was to be part of a milking demonstration - one of many events planned for the celebration.

Governor Dick Thornburgh proclaimed June as Dairy Month in Pennsylvania to honor the state's 15,500 dairymen and 220 dairy processors.

"June is Dairy Month, recognizing the Better Beverage and the multitude of milk products produced by Pennsylvania's dairy industry," Thornburgh said in a press release prior to yesterday's celebration. "Pennsylvania dairy farms employ 27,000 workers and furnish milk for more than 220 dairy processing plants that employ another 12,000 people."

Following the theme "Milk - It's Fitness You Can Drink," the June Dairy Month celebration, which was held from 11 a.m. to 1 p.m., featured aerobic dance and body building demonstrations, a milk drinking contest and comments by several dignitaries.

Pa. Dairy Princess Tamara Cree and eight county dairy princesses were on hand to distribute samples of dairy products including milk, yogurt, cottage cheese, vegetables and sour cream dip. Also, free balloons, dairy and nutrition pamphlets and life-size posters of Philadelphia Phillies Mike Schmidt were handed out.

Among all the activities, Ada was in the spotlight at 12:15 p.m. when she willfully participated in a milking demonstration. Upon leaving the demonstration, Ada reflected back on her day and commented, "I'd heard that politicians have cold, cold hearts. But at least they have warm hands."

SURDIAC COAL STOVES

SIDMORE WORKS, DIVISION OF FACIT INC. CLASSIC

Hopper Feed and Automatic Draft

OFF SEASON PRICES

BOWMAN'S STOVE SHOP
RD 3, Ephrata, PA 17522
Rt. 322, 1 Mi. East of Ephrata
(717) 733-4973
Tues., Wed. 10-6;
Thurs., Fri. 10-8;
Sat. 10-4

COMPLETE FARM DISPERSAL

TUESDAY EVE., JUNE 12, 1984
at 8:00 P.M.
(Steuben County, N.Y.)
Located: on Learn Road, near Northrup Hill Church. Take Rt. 432 at Addison, N.Y., go west 5 mi.; (At Rathbone, follow Auction Arrows); 3 mi. south of Cameron Mills, 5 mi. north of Woodhull.

53 GRADE HOLSTEINS 53
INTERSTATE TESTED, CHARTS, PREG. CKD.
41 mature (1 Red & White); 8 hfrs. 8-12 mos.; 3 started calves; 1 20 mos. bull. 25 fresh cows, some just bred back in May, 2 due in June, 4 in July, 1 Aug., 1 Sept., 1 Oct., 2 Nov., 5 Dec.; 7 1st calf, 14 2nd calf, 11 3rd calf. Ave. 50# milk.

MILKING EQUIPMENT
Surge pipeline - approx. 250 ft. stainless 2" line, 3" plastic vac. line, 75 Alamo pump, 4 units (installed Feb. '84); 415 gal. Sunset bulk tank; Sears Elec. 82 gal. water heater (new Sept. '83); wash tubs; 150' of 1½" plastic pipe; 24 hp Surge milker pump. (to be removed by 6-16-84).

MACHINERY
3 tractors - AC 210 w/cab, 2659 hrs., new tires (nice); AC 175 land handler, D., 2733 hrs., 2 hyds., 3 pt. w/660 Allied loader (sold separate); JD 620 W.F., P.S. 3 pt., rubber 15-5-38; NH 273 baler w/thrower (nice); NH 36 flail chopper; NI 323 picker; Papec grinder/mixer; Oliver 5x16 har. plow; MF 82 3x16 Ct. mounted plow w/coulters; NH 770 chopper, single corn & direct cut hd.; AC 90 combine, 30 bu. bin; Hesston PT10 haybine; AC 4-row planter, single rib packer, wheels, hyd. lift, D D; AC 10' transport disc; 140 bu. Starline tank spreader; JD 40 manure spreader; JD VanBrunt disc drill; 2 AC forage boxes w/234 NH r. grs.; 16' forage wgn w/NH r. gr.; kicker wgn. (used 1 season); Lamco 8x8x16 kicker box w/elec. gr.; nice 16' feeder wgn. (made for round bales) w/Case gr. (1 yr. old); JD rake; B M B 6' rotary cutter; Walsh 200 gal. sprayer; 12' single gang packer; 12' harrow; Grade King 7' 3 pt. blade; May Rath 35' elev. w/1½ mtr.; 3 pt. fert. spreader; buzz saw; Skid gas tank; 1250 Kwt. alternator; 2 2-row, 3 pt. cults.; 500 gal. tank.

MISCELLANEOUS
2 - 20.8x38 tires for duals; 1 - 13.6x38 tire; 4 new 9.5x15 8-ply tires; ½ hp. air compressor; 2-21" Toro lawn mowers (1 like new); Ariens 14 hp., hydrostat lawn mower; JD 340 snowmobile (1000 mi.); Tnt. Ski-Doo (400 mi.); 500 Homelite chain saw; heavy screw jack; platform scale; new role woven wire.

BARN EQUIPMENT
BN 570 Badger barn cleaner, 240 ft. chain, 14" paddles, 10' chute, (clockwise), 3 hp. motor (less than 2 yrs. old), (tube removed by 6-16-84); 26 Human plastic drinking cups; 6 stanchions; 3 spd. small fan; new Sunbeam clippers; neck chains, etc.

PRODUCE
Sorghum seed (new); 2 bu. seed corn (R 319 Pride); 8 large bales hay.

HOUSEHOLD ITEMS
China cabinet; 5 end tables; 1 coffee table; sewing machine; 3 dbl. bed frames; canning jars; metal wardrobe; chifferobe; white metal cabinet; appliance cart; 1 sngl. bed frame (wood); 4 and 6 drawer dressers; GE washer & dryer; rocking chair; gun cabinet; small chest freezer; antique dresser; 10-spd bike.

SALE ORDER: 8:00 P.M. sharp - large machinery; 9:00 tools & etc. in shed under lights; 10:00 barn equipment & cattle.

TERMS: Cash or good check.

STANLEY & KAREN LEMPERGEL- Owners

NOTE: Due to new employment in another area, the Lempergels have decided to disperse their entire farming operation. You will find this equipment in ready-to-go condition.

MANAGED & SOLD BY
Bob Shaylor 717-297-3278 Bob Garrison 717-297-3873

Robert M. Shaylor Sales
515 Elmira St., Troy, Pa. - 717-297-3278
Reputable Sales Service
Licensed — Bonded

ANTIQUE GUN AUCTION
150 OLD MUSKETS, RIFLES, SHOTGUNS, PISTOLS, SWORDS, INDIAN ARTIFACTS, COINS
SUNDAY, JUNE 3, 1984
5:00 P.M.
Colonial Motor Lodge,
Denver-Ephrata, PA
Inspection 4-5.
Cash, VISA, MC, Am. Express.
Consignments Wanted.

GAP AUCTION
FRIDAY EVE., JUNE 8
5:30 P.M.
Located off Route 41 - Lancaster Avenue Opposite Turkey Hill Minit Market - Cross RR Bridge
ANTIQUES AND HOUSEHOLD GOODS SOLD AT EVERY AUCTION
CONSIGNMENTS ON MONDAYS FROM 8:00 A.M. to 7:00 P.M.
IRA STOLTZFUS & SON, Auctioneers
442-4936 or 442-8254
AU000907-L
CONDUCTORS ALL TYPES PUBLIC SALES

HOULE
WIC
• Liquid Manure Pumps
• ELECTROMIX
• Barn Cleaner Chains
• Bedding Choppers
• Silage Carts
• Manure Tanks
US AGRI-SYSTEMS
800-222-2948
(301-398-2948) local
Available From
RON ACKENBAUCK
215-863-5524

Dairy promotion appointments cited

WASHINGTON, D.C. — Secretary of Agriculture John R. Block has named 36 dairy farmers to serve on the national promotion board that will administer a dairy promotion, research and nutrition education program.

The board represents 13 geographic regions with board membership from each region dependent upon milk production in that area. The program was authorized by Congress in 1983. Block named 12 members for each of three terms – one, two and three years – on the board.

Block named these 12 people to one-year terms:

Louis Calcagno, Moss Landing, Calif.; Ardath De Wall, Shannon, Ill.; Earl F. Forwood, Hop Bottoms, Pa.; Robert L. Gee, Moorehead, Minn,; Donald R. Halderman, Norwalk, Wis.; Glenn Johnson, Hartford City, Ind.; John A. Malcheski, Pulaski, Wis.; Don L. Meikle, Smithfield, Utah; William C. McGinnis, Mountville, S.C.; Harry E. Pickering, Taylorsville, Miss.; George Rydeen, Stillwater, Minn.; and John Widger, Ellicottville, N.Y.

He named these people to two-year terms:

Fred J. Cockram, Baker, Ore.; David M. Dodge, Woodville, N.Y.; Keith W. Eckel, Clarks Summit, Pa.; W. Eugene Flynn, Blair, Neb.; Louis Hinders, Canyon, Texas; Elton R. Smith, Calendonia, Mich.; Charles Russell, Shullsburg, Wis.; Claire Sandness, LaMoure, N.D.; Tom Sawyer, Waterford, Calif.; Audrey Sickinger, Cato, Wis.; Franklin J. Teague, Elon College, N.C.; and Pete J. Vander Poel, Chino, Calif.

Block named these people to three-year terms:

Leon Brown, Westown, N.Y.; Herman Brubaker, West Alexandria, Ohio; Barbara B. Curti, Reno, Nev.; Robert P. Davis, Cabot, Vt.; G. Joe Lyon, Toledo, Iowa; Walter A. Martz, Frederick, Md.; Ruth M. Robinson, Washington County, Tenn.; Daniel J. Rodenkirch, Kewaskum, Wis.; Manuel Santos, Jr., Tulare, Calif.; Gerald R. Sipple, Menomonie, Wis.; Ivan K. Strickler, Iola, Kan.; and Leslie Winters, Bringham Lake, Minn.

The national program is financed by a mandatory 15-cent per hundredweight assessment on all milk produced in the contiguous 48 states and marketed commercially by dairy farmers. The secretary of agriculture must conduct a referendum of dairy farmers in August-September 1985 to determine if they approve continuing the program after Sept. 30, 1985.

Peach

(Continued from Page A24)

Marketing Board, the Potato Research Advisory Board, and the Vegetable Research Advisory Board.

The ballots in the referendum were counted by a teller committee composed fo Gail McPherson, a grower from York County; John F. Peters, a grower from Adams County; and John T. Smith, retired county agent from York County.

MERRI-BUCK COMPLETE HOLSTEIN DISPERSAL

Located just off Rt. 44 on Glaze Road, 3 miles from Turbotsville, 2 miles from McEwensville, 18 miles from Dansville, 20 miles south of Williamsport. Only 3 miles off newly marked I-80. Watch for auction arrows.

120 REGISTERED HOLSTEINS, THURSDAY, JUNE 7th, 11:00 A.M.

72 milking females...25 bred heifers...40 yearlings and calves.
More than 60 due July to December.

Herd is certified and accredited, interstate tested, pregnancy examined, charts day of sale.

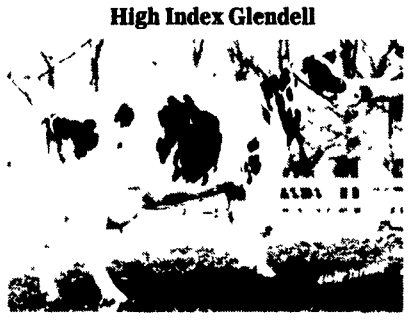
DHIA Avg. 17,061 3.6% 620
February 1983 BAA 103% (will be rescored before sale)

Sires Represented
Elevation (7), Elvate (7), Chairman (7), Cavalier (5), Marvex (4), Columbus (3), Lucky Royal (3), Sexation (3), Jemini (6), Advantage (4), Shining Star (Valiant son) (10), Starlite (2), Jet Stream (2), Milu (2), Pete (2), Tradition (2), Glendell (2), Dynamo (2), Glen Valley Star (2), Creek (2), Bootmaker, Jerry and others.

Service Sires
Columbus (12), Mars Tony (10), Marc (9), Bova (7), Bell (6), Chairman (5), Partner (5), Cavalier (4), Joe (2), Valiant (2), Tradition and others.

ALL PICTURED SELL

High Index Glendell



Merri-Buck Glen Terri (VG-87) (EX MAMM)
Index +760M +40F + 07% +$117
4 0 333d 24,638 4 0% 987
6-0 est 305d 25,063m 930f
Due in August to Mars Tony
Her Elevation dam has 4 recs over 20,700 815 to 22,600 4 0% 906 and 121,660M 4896F lifetime
2nd dam dam has 679 at 4 1%

Beautiful Pete

Merri-Buck Pete Lisa (VG-87 EX-MS, 2y)
She has 14,500 500 at 2y Her 3-3 proj is close to 16,000 Bred to Milkmaster Dam by Black Bart has 17,750 3 5% 630 and 617 at 4 2% 2nd dam is VG-89 Elevation with 24,940 803 and over 100,000 lifetime

Lovely Cavalier

Merri-Buck Cav Marvene (VG-86)
3-2 343d 22,921 3 8% 866
Sells fresh Milked 108 lbs in Jan
Sells with her great-framed Double Trune dam who is VG with 19,339 4 1% 787 and 120,000M 4800F lifetime to date Dam is due again in Sept to Cavalier Sept mat sisters by Tradition and Elvate also sell

Sweet Lucky Royal

Merri-Buck Royal Diamond (VG-87) EX MAM
1-11 335d 16,760 3 5% 590
3-00 est 305d 20,611m 684f
Sells bred to Mars Tony
Her Oct '82 Tradition and a Chairman dtr sell Dam a GP-83 Chief with 20,030 3 5% 696 2nd dam GP by Elevation with 20,050 4 0% 811 3rd dam EX Marquis

Glendell Due To Marc

Merri-Buck Glen Della (GP-81)
Della is making 670f at 3-4 VG Elevation dam has 16,530 4 7% 779 and 786 at 4 3% 2nd dam has 18,400 4 3% 783
Sells with a Dynamo dtr

One Of 3 Elevation Full Sisters

Merri-Buck El Colleen (VG)
Index +170M +16F + 06%
3-4 356d 20,622 4 4% 902
5-9 est. 305d 20,303m 855f
Sells with a Jemini dtr bred to Bell, 2nd dam is GP-82 and 4 times over 17,280 VG-87 sis sells with 23,761m 768f at 4-3 and due in April to Chairman Her April Chairman sells GP-84 sis twice over 19,000m 600f sells VG Moneymaker dtr with 2-0 354d 21,014m 714f sells due in Sept to Marc Proj close to 22,000m

OTHERS SELLING

VG-88 2x Over 100 lbs.

— Nice upstanding Jemini selling fresh in April. Has 1-11 363d . 17,305 3 8% 656, VG Lift-Off Dam due July to Columbus with over 100,000M 4000F to date and recs to 22,163 3 7% 826 2nd dam VG-87 Ormsby Senator with 156,250M 5832F lifetime 3rd dam VG with 100,540M 3406F Dam VG-87

VG-87 (EX MAM)

— Real good Bootmaker tests 4 0% Sells fresh in Feb Dam is VG Elevation with 25,883 4 1% 1065, fresh in Mar and sells also 2nd dam Ivanhoe Star with 578 at 4 0% 3rd dam GP with 20,100 4 0% 814

— VG-88 Elevation granddaughter due Nov to Bova and proj for 23,284m 896f Three other recs over 18,400m 700f Sells with 2 Sept Elvate dtrs and an Oct Mark A

— March '82 Valiant due in May to Columbus Dam GP, 2y by Jerry with 2-0 14,600 3 8% 522 2nd dam GP-81 Elevation with 18,180 4 7% 858 3rd dam VG-88 with 646 at 4 2%

VG-86

— Nice Lucky Royal due Sept. to Marc Proj 2-11 16,350M 520F Dam selling is VG Elevation proj 22,166M 750F and bred to Chairman Dam's VG-86 Elevation full sis sells bred to Partner with 3-0 305d 24,699 3 7% 916 Her Golden Nugget sells proj at 2-11 20,071M 739F 2nd dam is GP Black Bart with 19,270M 646F

VG Jerry bred to Mars Tony has 20,537M 719F and is proj 4-5 23,902M 763F GP-81 dam sells bred to Joe with 17,840 3 8% 679, GP-82 2nd dam has 20,640 3 7% 758 GP-84 mat sis by GV Star sells proj to 18,629M 605F at 3-6 Her Chairman calf sells

VG-88 Fury Ivan bred to Tony never had less than 20,300m 800f Proj for 23,459m 846f at 5 11 Sells with milking Sexation proj for 15,366m 513f at 1-10

GP Starlite with +250M +26F index due in June to Glenview Joe Has 3-4 19,182 3 9% 748 and finishing over 20,000m 750f Dam is 20 000 lb Elevation 2nd dam is 21 000 lb Double Triune Sells with 2 dtrs

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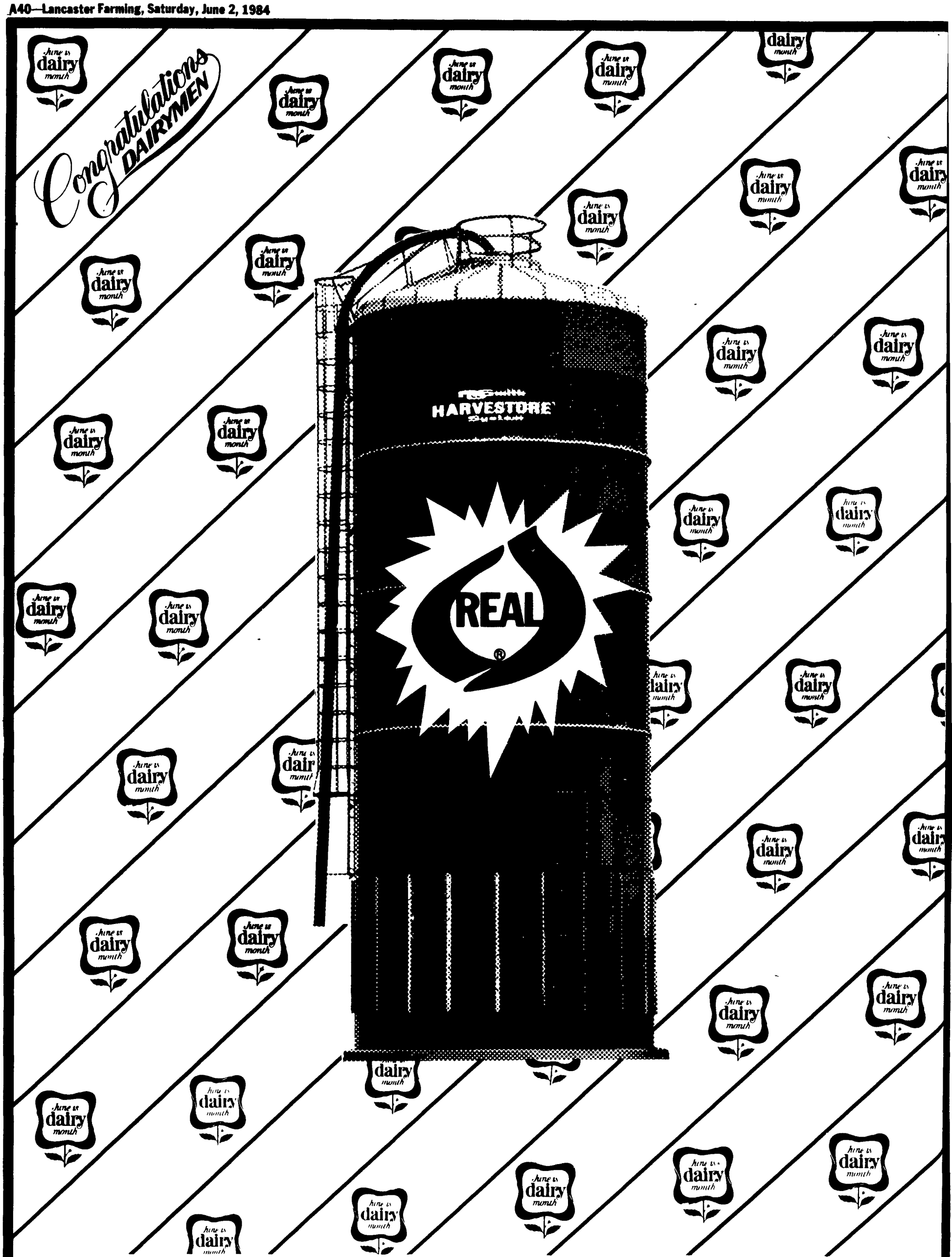

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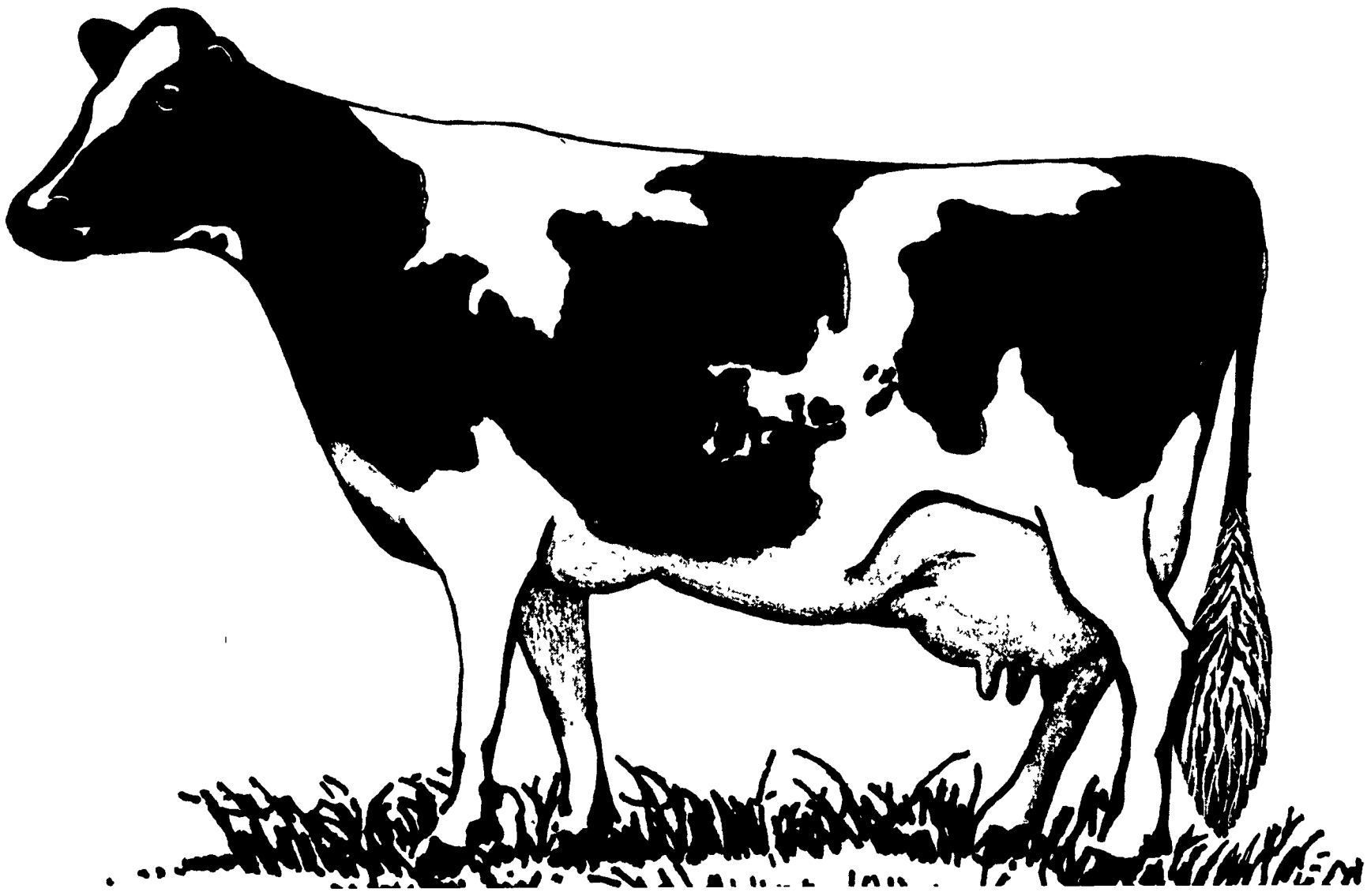

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Sparkling crown, ready smile grace Pa. Dairy Princess

BY JOYCE BUPP
Staff Correspondent

CARMICHAELS — A sparkling crown, shiny banner and ready smile, on a lovely young lady promoting milk

That's the image Tammy Cree remembers so well from her visits to the Farm Show as a little girl. The Farm Show trip has always been an annual event for Bill and Lura Ann Cree, their daughter, Tammy, and son, Billy. It was there that Tammy first was awed by the young ladies representing dairy farmers.

"The Farm Show was the only place I had ever seen a dairy princess," says the personable and outgoing young woman who currently reigns over the Pennsylvania dairy industry.

"But I had no idea how to become one," she relates.

Not that Tammy Cree wasn't familiar with the dairy industry. From the time she was old enough to "do anything," Tammy has been an enthusiastic participant in dairy farming at Cree Acres, where the family tends a herd of 60 Holsteins 100 Hereford-Limousin beef cattle and over 300 acres of crops.

"They have these pictures of me as a little girl, in these big, green boots," jokes the princess, about the family snapshots. Often, clad in those very boots, she played on a stack of feed sacks, while her mother taught the little girl songs during the evening milking.

When Tammy was about 12, the stanchion system was replaced with a milking parlor. Since the time she was "tall enough to reach the cows," from the pit, the bubbly brunette has been a regular on the family milking crew.

But farm chores never kept Tammy from an active, involved high school career. Her parents encouraged her to pursue as many activities as she wanted, including drum majorette, saxophone player in the band, president of the student council and honor society student.

Still, when the Washington-Greene county joint dairy princess pageant planners urged Tammy to be a contestant, she had few expectations of winning, but figured it would be a worthwhile experience for her. Besides, she could always run again the following year.

Thoughts of "next year" vanished with the placing of the crown on her head and suddenly Tammy Cree's summer calendar became inked full with dairy princess appearances.

Supermarket appearances give the friendly and outgoing Tammy a chance for one-on-one promotion chats with shoppers.

By the September state princess pageant, she had become an experienced promoter and spokesperson. During her interview there, judges quizzed Tammy as to how, if chosen, she would combine princess appearances with her first year at Waynesburg College, where she had already begun her freshman studies.

On the spot, Tammy made a decision.

"I'd take a year off from school to be able to fulfill the duties of the job of Pennsylvania's dairy princess," she told them.

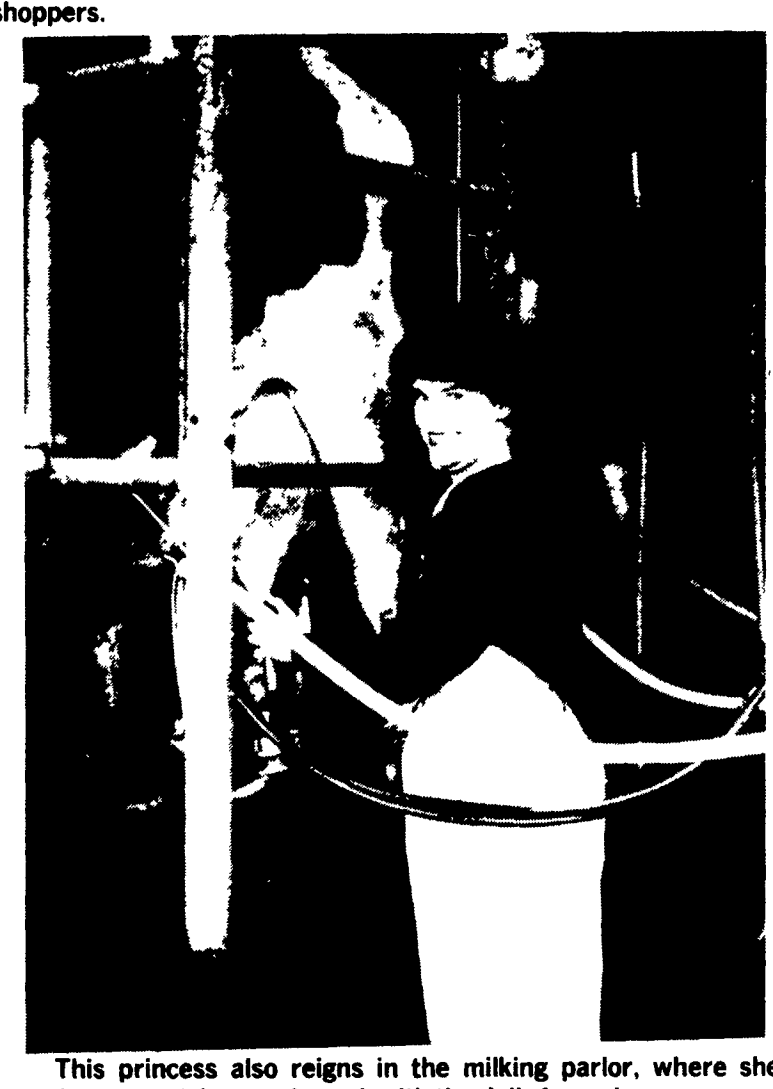
Excitement mounted that evening as Tammy was announced one of the three top skit winners for her performance as the coach of the "Real" team, and then selected as a finalist, prior to the announcement of her name as winner.

Her return trip to Carmichaels ended in a house filled with bouquets of roses from thrilled friends and relatives, and hugs from new classmates when she returned briefly to college to fulfill her personal promise to be a full-time princess.

Three days later, she boarded a plane for the first of what would become several flight experiences, as Tammy represented the state at dairy-related meetings, conventions, food fairs and media appearances.

Promoting became a bit painful when she returned to Harrisburg the week after her selection to take part in All-American cattle show activities. Staying with Bob and Mim Kauffman at Elizabethtown - her frequent home away from home - Tammy threw her back out while riding a three-wheeler cycle. The bright smile she beamed through that long week belied the ache that accompanied her stay as she limped through several days of awards presentations.

Tammy Cree and fresh cold milk: a plus pair for the Pennsylvania dairy industry.



This princess also reigns in the milking parlor, where she helps several days each week with the daily farm chores.

While the coordinators of the princess program generally accompany Tammy on her appearances, her mother was able to arrange time off from her position as a kindergarten teacher when Tammy recently made her first trip to New York City. The occasion was a foods fair, where Tammy represented the state's dairy industry, along with other state's princesses, and last year's Miss America.

One particular flight stands out in her memory. Tammy's seat was a front one, facing the rest of the cabin, and air turbulence caused the ride to become rather bumpy. One elderly lady seated nearby, noticing Tammy's discomfort with the flight, reminded the princess that she didn't dare become ill because everyone could see her.

In February, Tammy went before a TV camera for the first time, delighting the "Starting Today" hosts with the Cinnamon-Buttermilk cookies and milk, that she had brought along for them to sample.

During another television spot,

(Turn to Page B4)

Against the background of the Greene County rolling hills, the Cree family pauses for a family portrait. From left are Billy, Lura Ann, Tammy and Bill, Jr.

Homestead Notes

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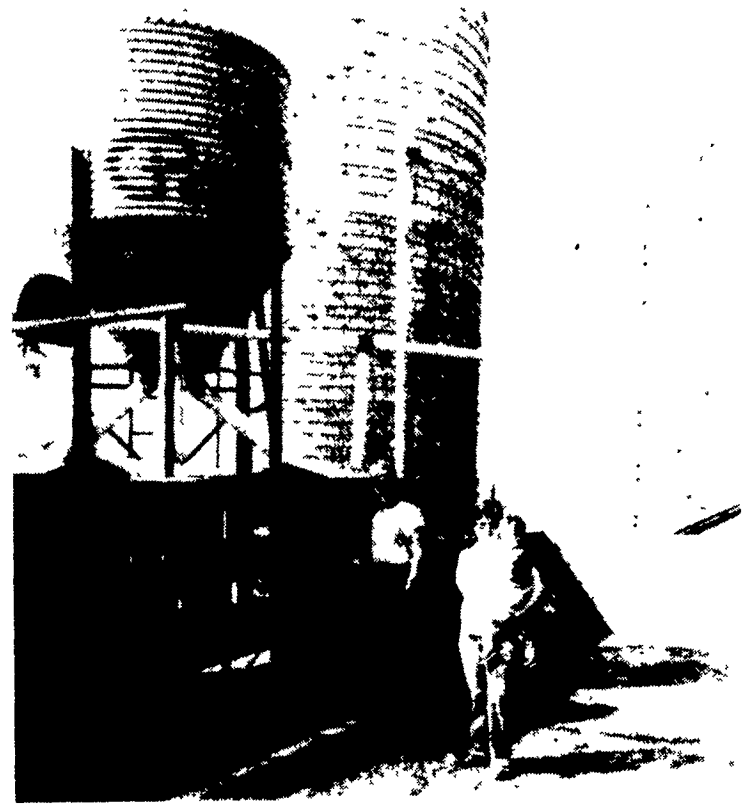
Three years ago, Ronnie had a herd average of 18951, 653F, but his feed costs were higher than he thought they should be. W & J Dairy Sales was engaged to install a computerized feeding system.

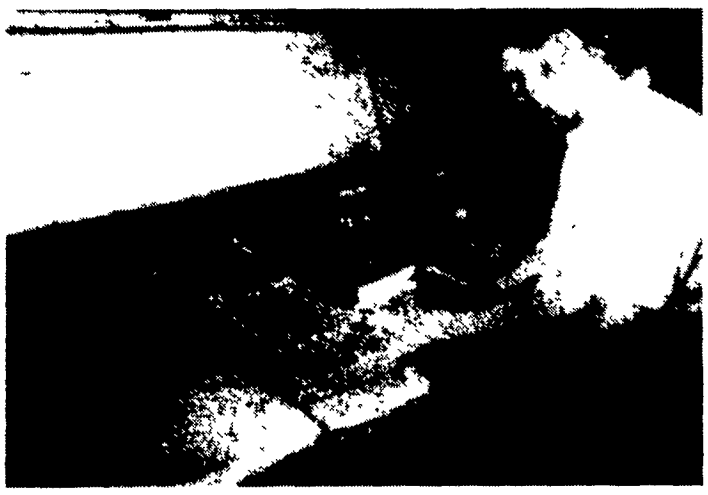
Ronnie has this to say about the results. "This system saves feed, saves money, give me better control over each cow, and I still maintain my high herd average. The system paid for itself in a little over a year. I wouldn't want to operate without it."



Ronnie and Jenette Underwood with young Jason by their Computerized Automatic Feed Stalls.

DO YOU WANT TO INCREASE YOUR HERD AVERAGE - BUT NOT YOUR FEED COST?

Joel & Lou Brown of Oxshire Farm Did - Oxford, PA



Joel Brown comparing present and past DHIA Records.

	1983			1984		
	Milk	%	Fat	Milk	%	Fat
Jan.	56.6	3.2	1.79	57.6	3.7	2.16
Feb.	56.3	3.6	2.00	59.5	3.7	2.23
Mar.	54.3	3.7	1.99	60.5	3.6	2.18
Apr.	53.9	3.5	1.90	59.3	3.5	2.10
Average	55.275	3.47	1.92	59.225	3.66	2.17

Joel had a different problem. He wanted to increase his 17000, 3.4%, 584F herd average. He had tried to feed extra grain with his older feeding system, but found his cows were eating more than they were producing. After 4 months on his W & J Dairy Computerized feeding system his herd average was 17200, 603F. His cows were averaging 3.95 lbs. more milk and on less feed. That is equal to a 4 month additional income of $5645.38.

If this trend holds up, Joel will realize an additional income of $17,028 in 1 year. Not bad for a $9,000 investment.

3.95 lbs. increase per cow x $12.30/cwt = .486 per day
96 cows x .486 per day for 1 year = $17,028

Joel Now Says, "If Bob Guhl had told me this would happen - I wouldn't have believed it."

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Sparkling crown

(Continued from Page B2)

hosted in Altoona during the Holstein Convention, Tammy spoke on the subject of osteoporosis and the part dairy products can play in preventing this brittle-bone disease that especially afflicts elderly women. She has continued to stress the part dairy products can play in prevention of osteoporosis during many of her appearances and promotional activities, and sees it as a "real" selling point for milk.

June will be an especially busy month for this tireless princess, with plans to host a dairy month reception at the Capitol rotunda, complete with cow, calf, a dozen other princesses and favors for area youngsters. She also hopes it will be a change to fulfill another of her goals, meeting Governor Dick Thornburgh.

On June 8, Tammy will be on hand to promote milk at Veteran's Stadium, when the Phillies meet the Pirates for a possible milk chugging or cow milking contest, prior to the throwing out of the first ball.

Also crowding her calendar are the state Grocers' convention scheduled for Hershey the end of the month, the state princess seminar in July which she'll host at Williamsport's Lycoming College and Ag Progress Days at Penn State. Despite her crammed schedule, she continues to fulfill her duties as county princess.

Following the crowning of her successor at the September state pageant, Tammy will return to Waynesburg College to pursue a degree in elementary education. Her career goal is to become an elementary school administrator.

"Little kids tug at my heart-strings," confides Tammy, reflecting on how much she has enjoyed her dairy princess visits with groups of youngsters. "They're so open and receptive at that age."

Having already spent the best part of a year doing a job she never even dreamed she could possibly achieve, Tammy has gained enough maturity, confidence and experience to really she is capable of accomplishing the goals she's set for her career.

Other goals are equally important. One is to be remembered for her honesty in speaking with consumers, and with the farm youth she's met during her appearances as a spokesperson for the dairy industry.

And another is one of the finest tributes a child could offer to parents.

"I want a family just like mine," she says softly, her eyes filling with tears as she talks of the closeness shared by the Crees. "I don't ever want my kids to not feel they can come and talk to me because I'm their mother."

Partly because of the family's close ties, as well as Tammy's desire to continue working with the dairy herd, she selected to study at a small, private college within community distance.

Quick to express her pride in being a "farmer's daughter," Tammy wants to encourage the county princesses she'll work with this summer to relax, be themselves, and enjoy what they are doing for the dairy industry.

During her reign, Tammy has begun a cow collection, — a momento of her year spent representing the dairy industry.

She also collected an assortment of dairy recipes, which have recently been printed in a pamphlet titled "Sparkle Up Your Life." All the recipes are truly family favorites, some from the Cree's own farm kitchen, other treasured ones from grandmothers, aunts, cousins and close friends.

"There are no recipes included that we haven't personally tried," assures Tammy of the luscious-sounding creations. Some of the selections are Layered Lettuce with a Dairy Touch, Broccoli Cheese Pie, Pumpkin Delight, and Tammy's own personal favorite, Cinnamon Buttermilk Cookies, this week's featured recipe.

A copy of "Sparkle Up Your Life" is available by sending a self-addressed, stamped large business-size envelope to the Pennsylvania Dairy Promotion Services, in care of Judy Diebold, R3, Box 360, Altoona, PA 16601.

Dairy Promotion Services, the organization which oversees the dairy princess and related programs, is presently in the process of hiring a full-time coordinator. The coordinator will

(Turn to Page B5)

Tammy and state promotion program co-chairman Mim Kauffman make a last minute check on printing copy for the princess' recipe folder, "Sparkle Up Your Life."

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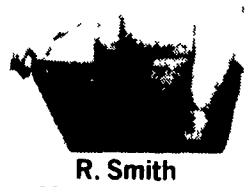

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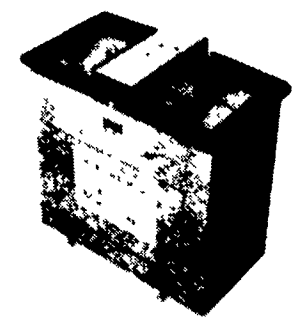

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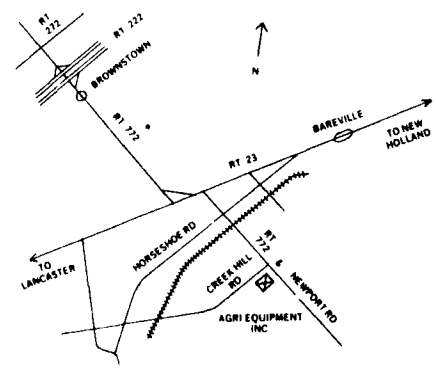

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Search begins for Wyoming/ Lackawanna dairy princess

TUNKHANNOCK, Pa. — The search for a 1984 Wyoming/Lackawanna Dairy Princess has begun, according to the newly organized Dairy Princess Committee in those joint counties. All single young women between the ages of 16 and 22, who are from a dairy farm background, are eligible for the title. The contest covers Wyoming and Lackawanna counties.

The winner of the Wyoming/Lackawanna Dairy Princess Pageant, to be held at the Moose Lodge on Rt. 309 in Tunkhannock on Friday, June 29, will be eligible to vie at the state level for the Pennsylvania Dairy Princess title.

Wyoming/Lackawanna counties need to be represented by a Dairy Princess for promotion of the dairy industry. This contest hasn't been held for the last couple of years, but the newly organized committee encourages participation in the event.

Young women interested in entering the local pageant should contact: Mrs. Audrey Naylor (Lackawanna County), phone 945-5091, or Mrs. Madeline Harding (Wyoming County) 836-1921 by Saturday, June 16.

Sparkling crown

(Continued from Page B4)

arrange dairy princess appearances and promotional events, travel with the princesses and assist the county promotion committees in obtaining materials for their local programs.

"We're looking for someone with the initiative and creativeness to broaden the princess program," explains Mim Kauffman, co-chairman of PDPS, Inc. "She should be a role-model for the girls in appearance and have a congenial personality as well as being affluent in public speaking."

Funding of PDPS Inc. comes from Federal Orders 2, 4 and 36, supervised by advisory members from those Orders, plus representation from the state Department of Agriculture.

Current programs and princess coordination are handled by the board, co-chaired by Judy Diebold, Blair County, and Mim Kauffman, Lancaster County. Rita Kennedy, Butler County, is secretary and Pat Miller, Dauphin County, is treasurer. Also on the board are Joanne Peifer, Bradford County, seminar coordinator, and Bev Minor, Washington County.

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— OF ALL THREE STORES —

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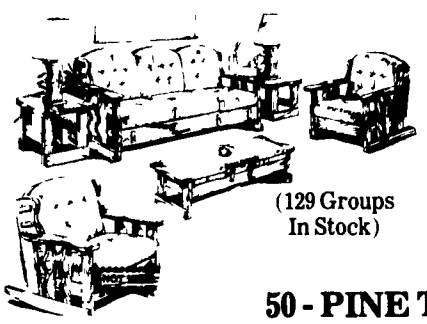

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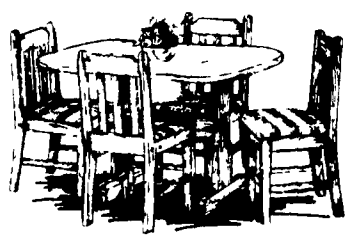

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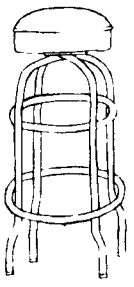

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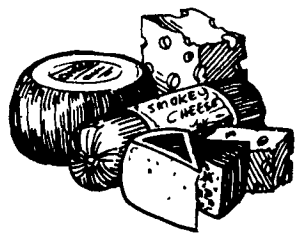
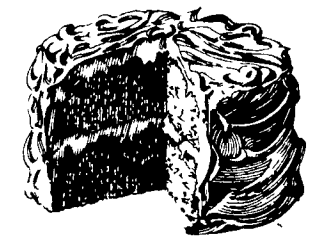


Home On The Range



Celebrate Dairy Month with creamy desserts

June Dairy Month is here and with it come plenty of delicious dairy recipes. While it's great to eat dairy foods in June, it's also important to include them in your menus all year long, because they are an essential part of a balanced diet.

But since dairy foods are so versatile and tasty it's easy to prepare them in attractive ways that your family is sure to enjoy. Below are just a few dairy recipes you may want to try for your next June dessert.

Although we have recevied quite a few dairy recipes from readers, we're still looking for more! If you have a favorite recipe that uses a dairy product, please share it with us. We'll reward your effort with a gift of appreciation.

CRUNCHY ICE CREAM SANDWICHES

2 ½ cup oven toasted rice cereal
1 cup flaked coconut
1 cup light brown sugar, firmly packed
½ cup butter, melted
½ cup nuts, finely chopped
1 quart vanilla ice cream, softened

In mixing bowl, combine cereal, coconut, brown sugar, butter and nuts. Mix well. Spread half of mixture on bottom of a 9-inch square pan. Top with vanilla ice cream, spreading it evenly over cereal mixture. Spread remaining cereal mixture over ice cream. Freeze until firm. Cut in squares when ready to serve. Makes 9 servings.

Martha Horst
Gardners

BANANA WHIP

Peel 5 large bananas, rub smooth with 5 teaspoons sugar. Add 1 cup cream (beaten to a stiff froth). Dissolve 1 package (3 ounces) lemon jello in 1 pint boiling water. When cold, stir the banana and cream mixture into jello.

Elizabeth Nolt
New Holland

STRAWBERRY SPONGE

1 6-ounce package strawberry jello
1 cup cream (whipped)
1 cup mashed strawberries

Mix jello according to instructions on package. Let cook until it is slightly thickened. Add whipped cream and strawberries Sugar can be added if a sweeter dessert is desired.

Anna Nolt
New Holland

APPLESAUCE CUSTARD PIE

1 cup applesauce
1 cup milk
½ cup sugar
2 eggs
1 teaspoon flour
1 teaspoon melted butter
1 teaspoon vanilla
½ teaspoon cinnamon

Beat all ingredients together with egg beater. Baking time: 45 minutes. Temperature: 350°F.

Carolyn Musser
Myerstown

ICE CREAM

1 quart milk
2 cups sugar
½ cup cornstarch
¼ teaspoon salt
1 package gelatin
4 egg yolks
1 quart cream
1 teaspoon vanilla
4 egg whites

Heat milk. Mix sugar, cornstarch, and salt with 1 cup of milk. Add this to the hot milk. Stir until thickened. Dissolve package of gelatin in 3 tablespoons of milk Add to above mixture. Beat egg yolks with 2 tablespoons of milk and add to mixture. Cook 1 minute longer. Cool. Then add cream, vanilla, and stiffly beaten egg whites just before freezeing the ice cream May add your favorite fruit for the flavor of ice cream you desire.

Agnes Groff
Lewistown

FROZEN BANANA SPLIT DESSERT

3 cups graham cracker crumbs
2-3 bananas
2 quarts ice cream
1 cup chopped nuts
1 cup chocolate chips
2 cups powdered sugar
1½ cups evaporated milk
½ cup butter
1 teaspoon vanilla
1 pint whipped cream

Crush 3 cups graham cracker crumbs. Place 2 cups of crumbs in a 9 x 13-inch pan and press with a spoon. Slice bananas and lay over crust. Slice ice cream ½-inch thick and lay over bananas. Sprinkle nuts on top of ice cream. Freeze until firm. Melt 1 cup chocolate chips and ½ cup butter. Add 2 cups powdered sugar and 1½ cups milk to chocolate mixture. Cook until thick, stirring constantly. Remove from heat. Add vanilla to mixture and cool. Pour over ice cream. Freeze. Before serving, whipped cream is placed on top. Sprinkle one cup graham cracker crumbs over top. Store in freezer.

Jane Martin
Myerstown

This Fruited Rainbow Pie combines vanilla ice cream with fresh fruit, orange sherbet and a gingersnap crust. It's an appropriate treat for family celebrations.

FRUITED RAINBOW PIE

Crust:
1⅓ cups gingersnap crumbs (about 20 gingersnaps)
¼ cup (½ stick) butter, melted
3 tablespoons sugar
Filling:
1 quart vanilla ice cream, softened
1 pint orange sherbet, softened
Topping:
½ cup pineapple chunks in unsweetened pineapple juice, drained
½ cup fresh strawberries, sliced
½ cup green grapes, halved and seeded
¼ cup Cointreau or orange juice

Preheat oven to 350°F. For crust, combine all ingredients. Press mixture firmly and evenly against bottom and sides of a 9-inch pie plate, building up slightly around rim. Bake 5 minutes. Cool, then chill in freezer. For filling, spoon ice cream alternately with sherbet into crust to give a swirled appearance. Return to freezer several hours or overnight. For topping, combine pineapple, strawberries and grapes in a small bowl. Toss with Contreau or orange juice; chill 1 hour. Just before serving, spoon fruit over pie.

American Dairy Association

CHOCOLATE MINT BARS

2 cups flour
2 cups sugar
½ teaspoon salt
2 eggs
½ cup sour cream
1 teaspoon soda
Boil together:
1 cup butter
1 cup water
4 tablespoons cocoa

Mix all ingredients together

ICING

3 cups 10X sugar
5 tablespoons creme de mint
Enough milk to spread

GLAZE

9 ounces chocolate chips
1 stick butter

Melt and cool. Spread on top icing.

Velma Nolt
Peach Bottom

STRAWBERRY SHORTCUT CAKE

1 cup miniature marshmallows
2 cups (2 10-ounce packages) frozen, sliced strawberries in syrup, completely thawed
1 package (3 ounces) strawberry flavored gelatin
2¼ cups all-purpose flour
1½ cups sugar
½ cup solid shortening
3 teaspoons baking powder
½ teaspoon salt
1 cup milk
1 teaspoon vanilla
3 eggs

Generously grease bottom only of a 13 x 9-inch baking pan; sprinkle marshmallows evenly over bottom of pan. Thoroughly combine completely thawed strawberries and syrup with dry gelatin; set aside. (No need to sift flour; measure by lightly spooning into cup and leveling off.) In large mixer bowl, combine remaining ingredients. Blend at low speed until moistened, beat 3 minutes at medium speed, scraping sides of bowl occasionally. Pour batter evenly over marshmallows in prepared pan. Spoon strawberry mixture evenly over batter. Bake at 350°F. for 45 to 50 minutes until golden brown and tooth pick inserted in center comes out clean. Serve warm or cool with ice cream or whipped cream

Darlene Martin
Newmanstown

FROZEN BERRY DESSERT

1 package graham crackers, rolled fine
3 tablespoons butter
2 egg whites
1½ cups sugar
1 tablespoon vanilla
2 cups strawberries (fresh or frozen)
1 cup cream

Mix crumbs and butter. Press into serving dish. Put egg whites, sugar, berries and vanilla in blender. Blend well. Pour into mixer bowl and beat at high speed for 15 minutes. Fold in one cup cream, whipped. Put in freezer until firm.

Mrs. Samuel C. Brubaker
Seven Valleys

(Turn to Page B9)

Recipe Topics

If you have recipes for the topics listed below, please share them with us. You can send your recipes to Sue Keene at Lancaster Farming, P O Box 366, Lititz, PA 17543

June	
9	Cheese Dishes
16	Dairy Drinks
23	Dairy Dinners
30	Puddings & Custards

Featured Recipe

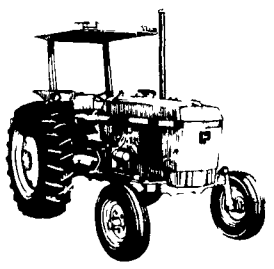
This week's featured recipe comes from Tammy Cree, 1983 Pennsylvania Dairy Princess. Familiar with the dairy industry from childhood, Tammy has spent the last year promoting dairy products.

The recipe below for Cinnamon Buttermilk Cookies is one of Tammy's favorite dairy recipes. She has recently published a pamphlet of her recipes titled "Sparkle Up Your Life " To learn more about Tammy see the story featuring her on page B2

Cinnamon Buttermilk Cookies

½ cup butter
1 cup sugar
1 egg
½ cup buttermilk
2 teaspoons vanilla
3 cups flour
1 teaspoon baking powder
½ teaspoon baking soda
½ teaspoon salt
Topping: ¼ cup sugar
1 teaspoon cinnamon

Mix butter, 1 cup sugar, and egg thoroughly. Stir in buttermilk and vanilla. Blend dry ingredients into butter mixture. Chill dough 1 hour. Heat oven to 400°. Drop by tablespoonfuls on greased baking sheet. Sprinkle on sugar-cinnamon topping mixture. Bake 8 to 10 minutes. Makes about 30 cookies.



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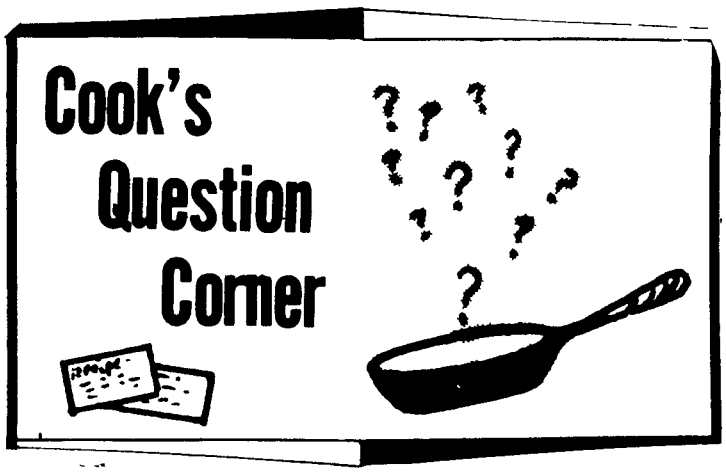

QUESTION - R. Scott, Quarryville, is looking for a recipe for potato salad dressing and a dressing to put on lettuce

QUESTION - Mrs. Ray W. Seidel, Lenhartsville, would like the "recipe" for Sunshine Pie by Amos Zook of Lititz. The "recipe" is a reading that ends with "And now I ask that you try a slice of my Sunshine Pie.".

QUESTION - Susan Fisher is looking for a recipe for tomato paste.

ANSWER - Mrs. Ralph Todd, Elmer, NJ, requested a recipe for homemade yogurt and for whoopie pies. Thanks go to Mrs. Omar Stoltzfus, Honey Brook, for her yogurt recipe and to Mabel Witmer, Myerstown, for her whoopie pie recipes. Thanks also to the others who shared their yogurt recipes.

Homemade Yogurt

Heat 1 quart milk to boiling point. Set pan in ice water till it's completely cold. Pour milk in blender and add 1 teaspoon Bryers plain yogurt, blend, pour into quart jar, cover and set in a crockpot filled with water (Do not use the lid on the crockpot.) Heat for 8 hours on low setting

Oatmeat Whoopie Pies

2 cups brown sugar	1 teaspoon baking powder
¾ cup butter or margarine	3 tablespoons boiling water
2 eggs	1 teaspoon soda
½ teaspoon salt	2½ cups flour
1 teaspoon cinnamon	2 cups oatmeal

Cream sugar and shortening. Add eggs; then add salt, cinnamon and baking power Add soda dissolved in hot water. Gradually add flour and oatmeal. Drop batter by heaping teaspoons onto greased cookie sheet. Bake at 350° F. for 8-10 minutes or until brown

Filling

1 egg white, beaten	1 teaspoon vanilla
2 tablespoons milk	1 cup 10X sugar

Mix all ingredients then add one more cup 10X sugar and ¾ cup shortening. Spread dab of filling on flat side of cookie. Top with another cookie to form a sandwich pie.

Chocolate Whoopie Pies

2 cups sugar	2 teaspoons vanilla
1 cup shortening	1 teaspoon salt
2 eggs	1 cup sour milk
4 cups flour	2 teaspoons baking soda
1 cup cocoa	1 cup hot water

Cream sugar and shortening, add eggs. Sift together flour, cocoa, and salt. Add alternately with sour milk. Add vanilla Dissolve soda in hot water and add last Mix well Drop by rounded teaspoons onto cookie sheet Bake at 350° F for 8-10 minutes. Make sandwiches from 2 cookies filled with Whoopie Pie Filling Double filling recipe for this recipe

Pumpkin Whoopie Pies

2 cups brown sugar	1 teaspoon baking powder
1 cup vegetable oil	1 teaspoon baking soda
1½ cups cooked mashed pumpkin	1 teaspoon vanilla
	1½ tablespoons cinnamon
2 eggs	½ tablespoon ginger
3 cups flour	½ tablespoon ground cloves
1 teaspoon salt	

Cream sugar and oil. Add pumpkin and eggs. Add flour, salt, baking powder, soda, vanilla, and spices. Mix. Drop by heaping teaspoons onto greased cookie sheet. Bake at 350° F. for 10-12 minutes. Make sandwiches from 2 cookies filled with whoopie pie filling.

ANSWER - Mrs. Rose Martin, Ephrata, requested a recipe for broccoli salad. Thanks go to Mary Bortz, Lititz, for her recipe.

Broccoli Salad

Salad:	Dressing:
1 head fresh broccoli	½ cup Miracle Whip
¼ pound bacon, fried, drained and crumbled	1 tablespoon vinegar
	¼ cup 10X sugar
1 small onion, diced	
4 ounces cheddar cheese	

Mix well and pour over broccoli mixture. Marinate 2 to 4 hours.

Berks Sheep and Lamb Club

The Berks County 4-H Sheep and Lamb Club had their May meeting at the Wey Farm in Dryville.

After a short business meeting, Mr. Greg Snyder, manager of Wey Farm, gave a teaching demonstration on judging sheep.

The next meeting will be on June 26 at the Berks County 4-H Community Center in Leesport with Mr. Marlyn Stroh, Shepherd at the Erdenheim Farms in Montgomery County. He will domonstrate fitting the sheep for show.

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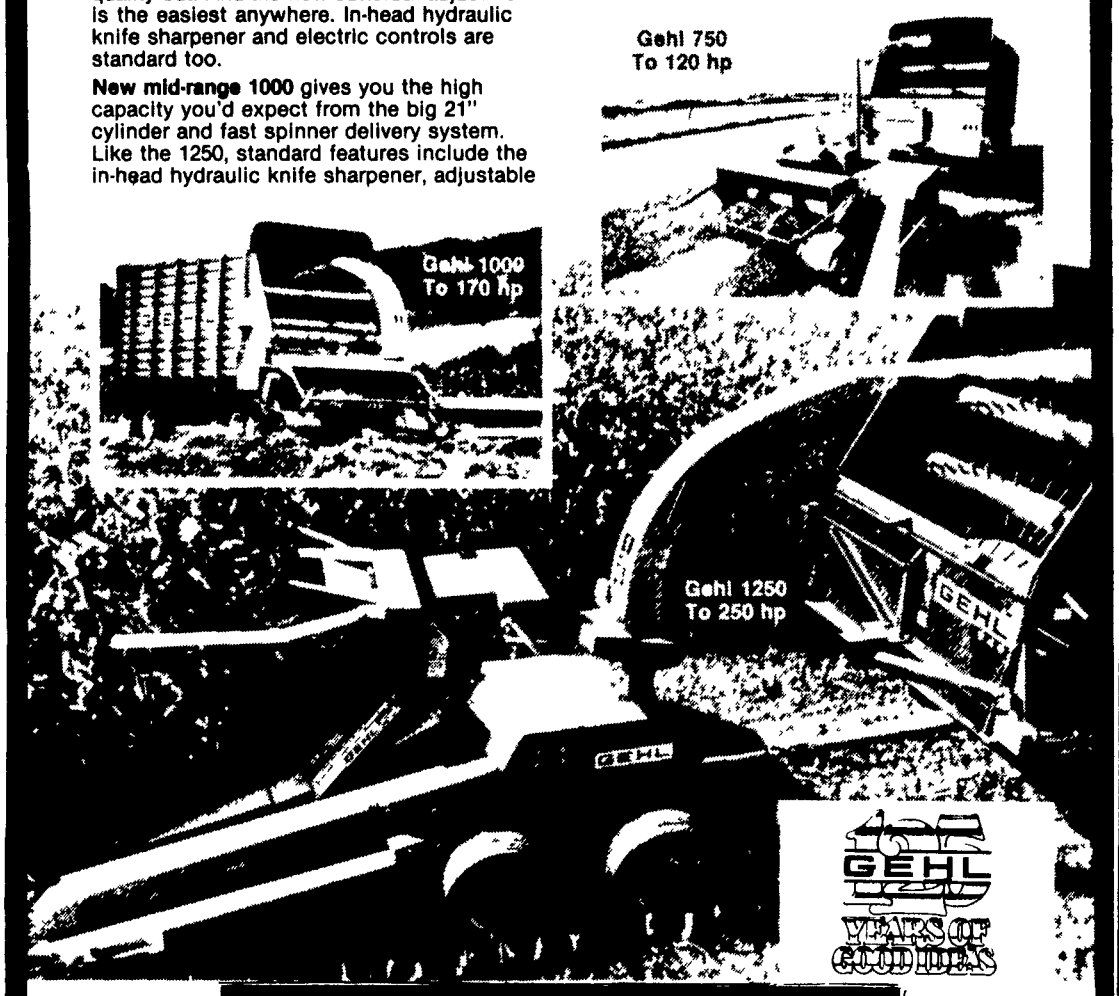

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Dairy desserts

(Continued from Page B6)

STRAWBERRY CHIFFON SQUARES

⅓ cup butter or margarine
1½ cup finely crushed vanilla wafers (about 45)
1 3-ounce package strawberry jello
¾ cup boiling water
1 14-ounce can sweetened condensed (not evaporated) milk
1 10-ounce package frozen sliced strawberries in syrup, fresh ones can be substituted
4 cups miniature marshmallows
1 cup (½ pint) whipped whipping cream

In small saucepan melt butter. Stir into crumbs. Pat firmly on bottom of 11 x 7-inch pan. Chill. In large bowl dissolve jello with water; stir in condensed milk and undrained berries. Fold in marshmallows and whipped cream. Chill until set - about 2 hours. Variations - lime jellow and pineapples, crushed; orange jello and orange sections; cherry jello and sweet cherries.

Mrs. Belinda Myers
Dallastown

CHEESE CAKE

1 cup granulated sugar
1 cup milk
2 beaten egg yolks
Cook together for 3 minutes then add:
1 teaspoon vanilla
1 teaspoon lemon juice
1 package gelatine

Cool. Beat 2 egg whites. Whip 1 cup cream. Soften 1 pound cream cheese and add to the first mixture, pour in graham lined pan or crust and chill a few hours or overnite.

Mrs. Samuel F. Zook
Christiana

Grange sewing contest winners named

HARRISBURG — A Lawrence County woman walked away with four major awards including Best of Show in the state level of competition for the National Grange Sewing Contest.

The annual event, sponsored by the National Grange and several major sewing product manufacturers for Grange members and non-members alike, is the largest sewing contest in the United States. In Pennsylvania alone, nearly 1400 entries were submitted at the local level. Local grange hold the first round of eliminations, followed by county, then state competition. Winners at the state level will have the opportunity to compete in the National Grange finals held at the New York headquarters of the Simplicity Pattern Company, a contest sponsor, in June.

Ruth Marshall of Ellwood City, Lawrence County, won first place in state competition in Class C, a division for garments sewn for children, and the overall contest Best of Show. She entered a floral-printed, ruffled dress made for her daughter. She also won two $50 bonds sponsored by B. Blumenthal and Co., Inc. and C.M. Offray and Son, Inc. for her innovative use of their sewing notions. Marshall is a member of Pleasant Hill Grange 1505 where she is pianist and women's activities chairwoman. She will receive a cash award and an electric skillet in addition to the bonds and will compete for more than $100 in cash and prizes at the national finals.

First place in the adult garment category was awarded to Ida Preto of Cabot, Butler County, for a double-breasted, linen suit featuring inset pockets and a slitted skirt. Preto belongs to Winfield Grange 1105.

Anita Rae Mahoney of Uniontown, Fayette County placed first in the youth category with a skirt, blouse and jacket combination. The 16-year-old was sponsored by Menallen Grange 1091.

In a category for children ages 12 and under, Gretchen Gross of Emlenton, Venango County, won first place. The 12-year-old daughter of Glenn and Barbara Gross is a member and master (president) of Scrubgrass Junior Grange.

Second and third places in each of the four categories were awarded as follows:

CLASS A (Adult):
Second - Mrs. David Lamb, Ellwood City, Lawrence County;
Third - Vicki Kopchik, Hawk Run, Clearfield County;
CLASS B (Youth):
Second - Ellen Huber, West Chester, Chester County;
Third - Kathryn Frey, Newport, Perry County;
CLASS C (Children's Garments):
Second - Doris Hoffman, Hamburg, Berks County;
Third - Robin Soha, Jenners, Somerset County;
CLASS D (Children):
Second - Charles Steward Day, Honesdale, Wayne County;
Third - Stephanie Ann Merro, Allport, Clearfield County.

Honorable mentions were given to Maxine Mahoney, Uniontown, Class A; Kerwin Carberry, James Creek; Class B; Martha Baldwin, Oxford, Class C; and Amy Marshall, Ellwood City, Class D.

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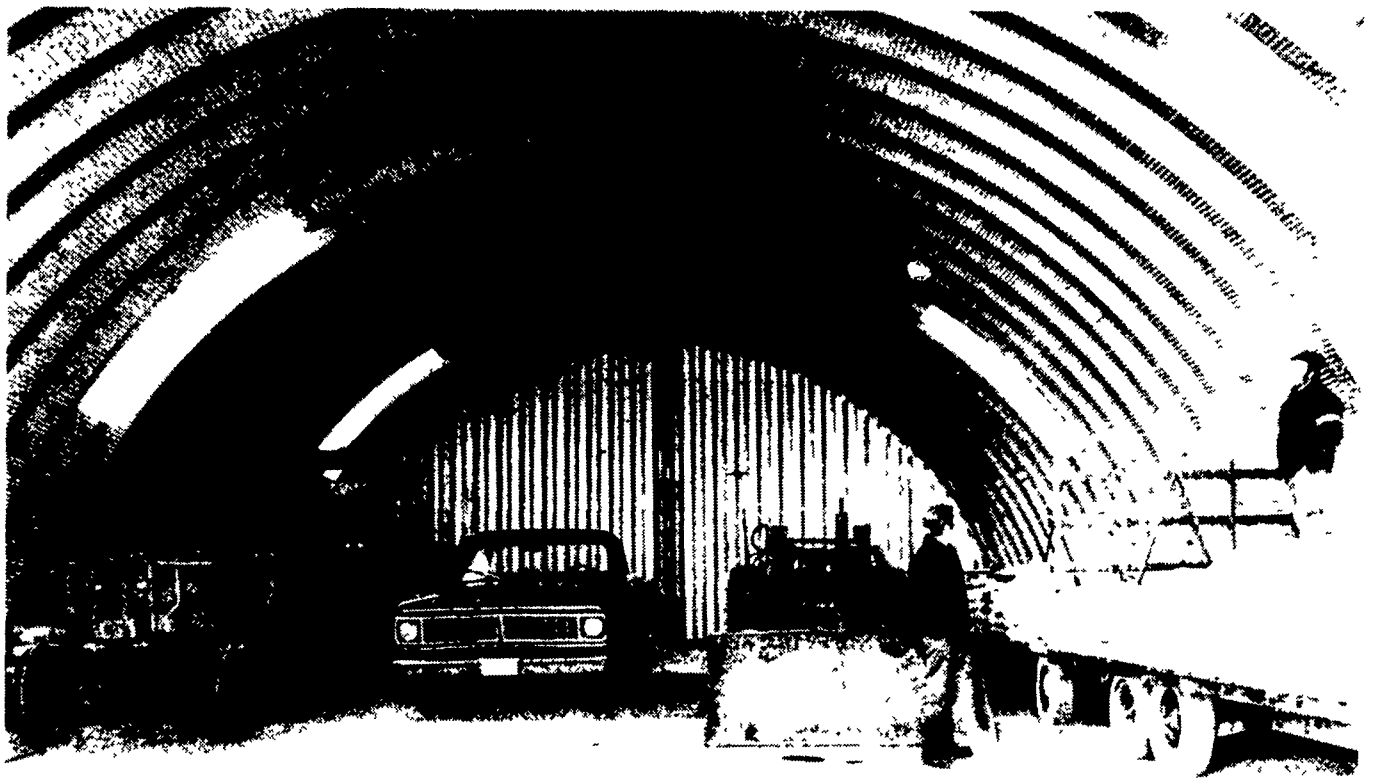

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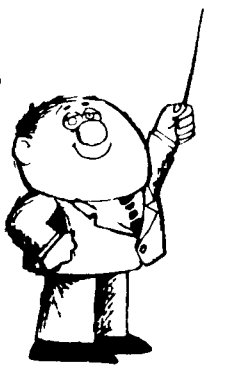

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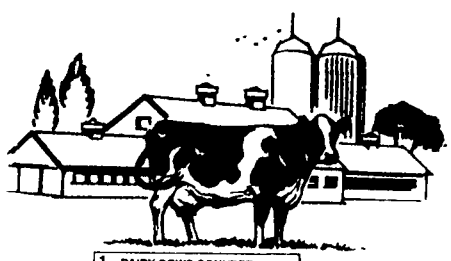
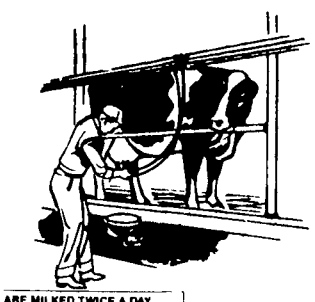
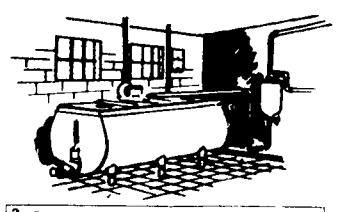


1 DAIRY COWS CONVERT GRASS AND GRAIN INTO MILK

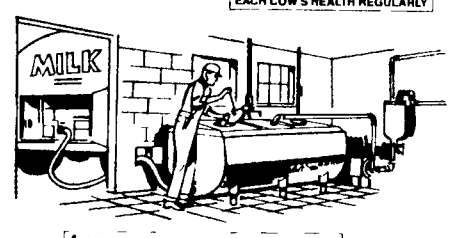


2 THEY ARE MILKED TWICE A DAY WITH SANITARY MILKING MACHINES

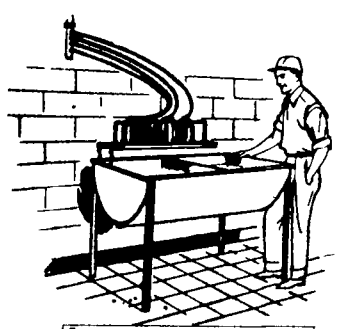


3 THE WARM MILK FROM THE COW IS PUMPED FROM THE MILKING MACHINE THROUGH STERILE GLASS PLASTIC OR STAINLESS STEEL PIPES AND FILTERED INTO THE REFRIGERATED FARM TANK

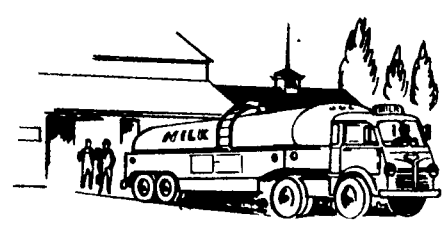
VETERINARIANS CHECK EACH COW S HEALTH REGULARLY



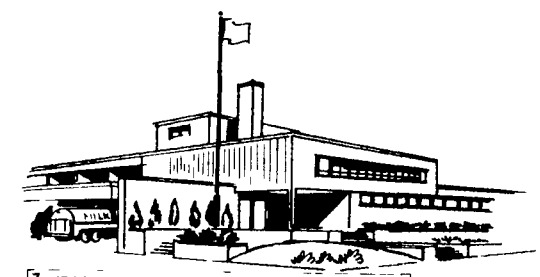
4 CHILLED MILK IS CHECKED AND SAMPLED BEFORE IT IS PUMPED FROM THE FARM TANK INTO THE REFRIGERATED STAINLESS STEEL TANK IN THE MILK PICKUP TRUCK



5 ALL MILKING EQUIPMENT IS WASHED AND STERILIZED FOR EACH MILKING THE FARM TANK, AFTER EACH PICKUP



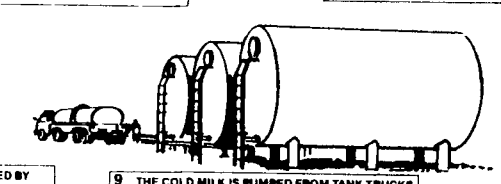
6 EACH TANK TRUCK RUSHES COLD MILK FROM SEVERAL FARMS TO DAIRY PLANTS



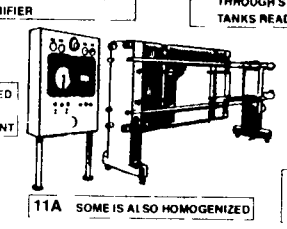
7 AT A DAIRY PLANT THE MILK IS PROCESSED AND PACKAGED WITHOUT EXPOSURE TO HANDS OR TO AIR OUTSIDE OF STERILIZED EQUIPMENT

8 THE MILK IS UNDER SCIENTIFIC LABORATORY CONTROL AT ALL TIMES

10 THE MILK IS CLARIFIED BY CENTRIFUGAL FORCE INSIDE A CLARIFIER

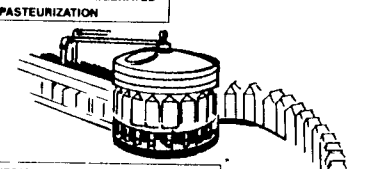


9 THE COLD MILK IS PUMPED FROM TANK TRUCKS THROUGH STERILE PIPES INTO REFRIGERATED TANKS READY FOR PASTEURIZATION

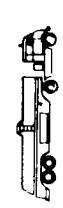


11 ALL MILK IS PASTEURIZED IN THERMOSTATICALLY CONTROLLED EQUIPMENT

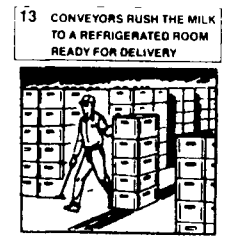
11A SOME IS ALSO HOMOGENIZED

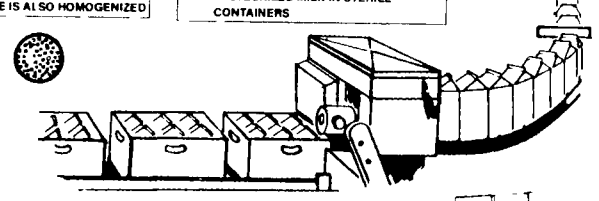


12 AUTOMATIC MACHINES PACKAGE COLD PASTEURIZED MILK IN STERILE CONTAINERS

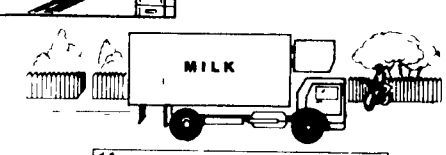


13 CONVEYORS RUSH THE MILK TO A REFRIGERATED ROOM READY FOR DELIVERY





12A AND PUT THE CONTAINERS INTO CASES



14 REFRIGERATED TRUCKS BRING THE MILK TO GROCERY STORES AND SUPERMARKETS

Kids enjoy taste of farm life

NEWARK, Del. — You can tell a child that milk comes from a cow, but seeing is believing. Nearly 2,000 children recently learned more about agriculture at the annual 4-H Sussex County Farm Tour.

Handicapped youngsters, tots from daycare centers, and school children from all over the county converged on the Warrington farm in Georgetown for the event. The littlest practiced their "moo" sounds, while the older ones learned about dairy products and cuts of meat. As usual, the star attraction was the pony ride, an exciting first for many of the young visitors.

The horses, calves, and nanny goat didn't seem to mind being petted 2,000 times. The pigs frolicked in their pen, the raccoon slept in its cage, and the crab and starfish crept about their shallow pool, oblivious of their wide-eyed audience.

Sea creatures and raccoons may not be traditional farm animals, but nobody seemed to hold that against them. Extension 4-H agent Lloydlee Heite explained that the marine creatures were brought to the farm for the benefit of children who may not have an opportunity to see them at the seashore. He noted that 4-H offers youth learning projects in ecology and marine studies as well as agriculture.

For teachers and children alike the 4-H farm tour was a delightful outing, the culmination of weeks of classroom study about agriculture. Out in the green fields, with chickens running underfoot, classroom lessons magically came to life.

Wellsville Boots and Saddles Club

The Wellsville Boots and Saddles 4-H Club will hold their annual Open Spring Horse Show on June 2 at 9 a.m. The show will be held at the Frontier Days' ring in Wellsville,Pa.

The show will start with two halter classes, followed by English and Western pleasure and equitation.

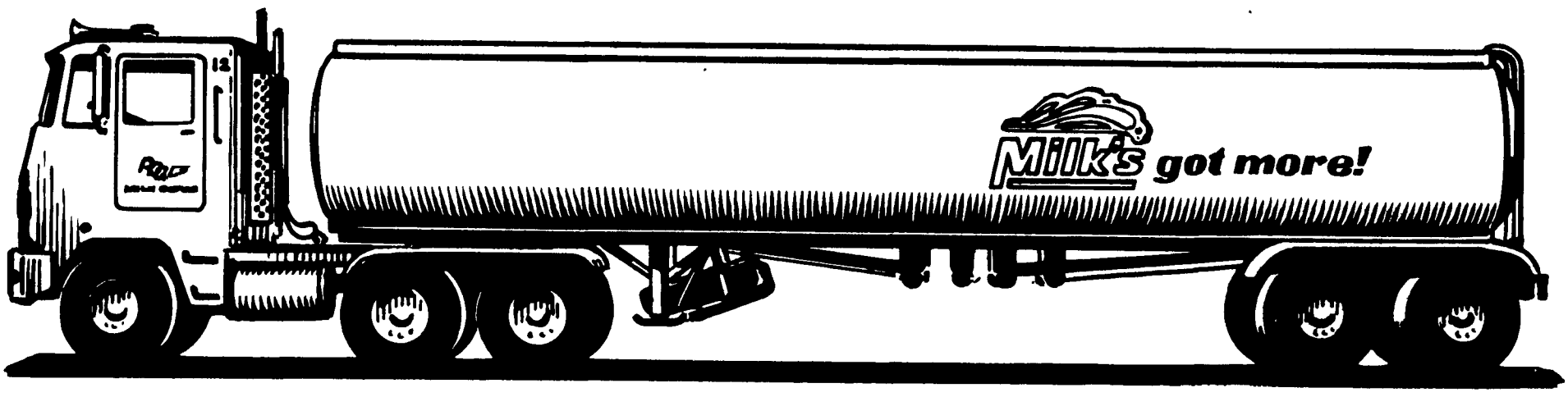
The day will end with various gaming events in which electric timers will be used. The rain date is July 1. Entry fee is $3 per class. Spectators and participants are welcome.

Spurs and Burrs

At the Spurs and Burrs meeting the club unanimously decided to hold an open horse show. The show is scheduled to be held July 14.

In April the club helped the Springtown Fire Company at their Sunday breakfast. The Club also visited Pleasant Hallow Farms where they teach the handicapped how to ride.

Celebrate Dairy Month by making this milk truck your own!



Write your farm's name or your name in the open space on this milk truck, then color in the rest with bright crayons.

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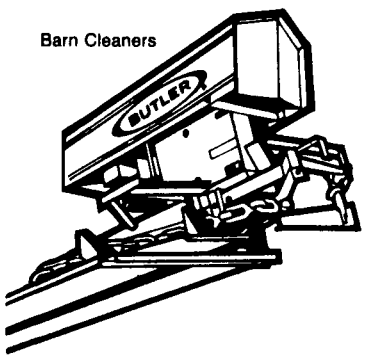

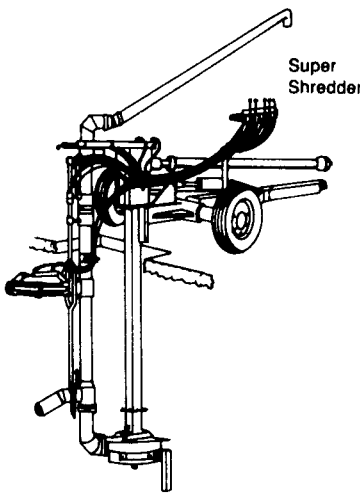

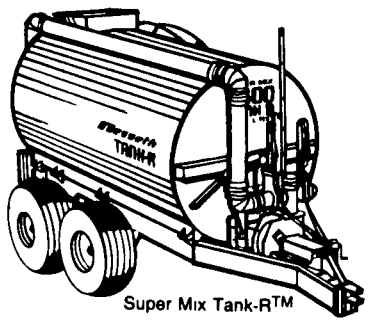

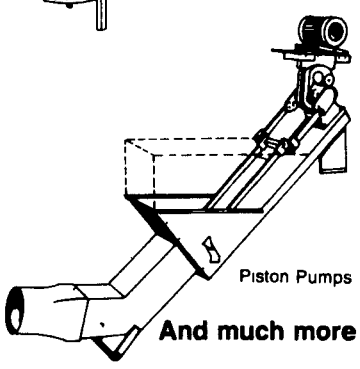

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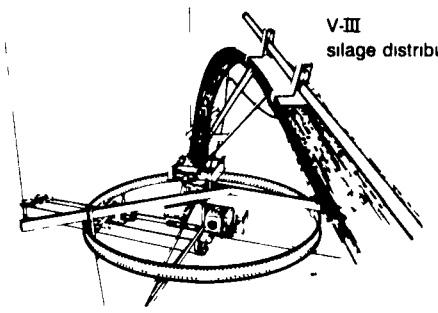

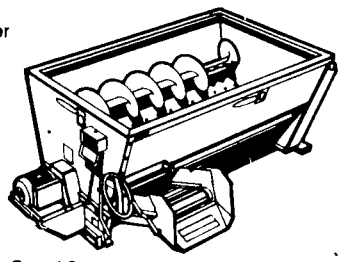

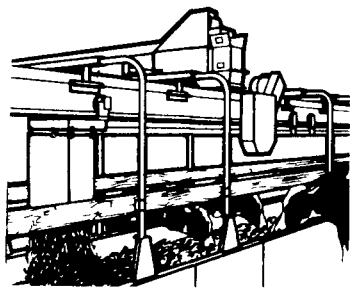

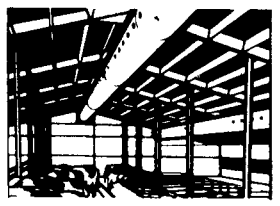

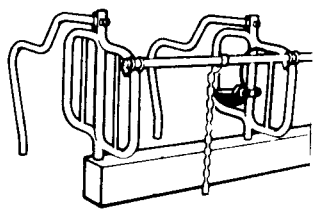

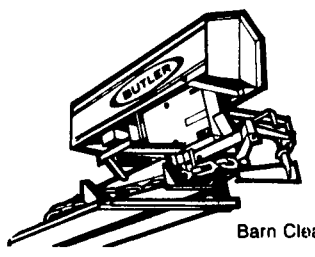

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On being a farm wife - And other hazards

Joyce Bupp

Funny how one associates certain foods with certain experiences, or places, or people or things.

Potato salad, for instance. I grew up disliking potato salad, but for the life of me don't remember why. Then we married, I developed a taste for Mom's delicious potato salad, which the farmer loved, and pilfered her recipe.

Potato salad is summer food, picnic food, reunion food. I rarely crave the stuff during winter weather, but let that sun shine bright and hot, and the porch beckon as the best place to eat supper, and suddenly the potato salad hungries get hyped up.

Pizza is a Sunday evening food. Why? Search me. Somewhere along the ancestral line I suspect a few Italian genes slipped into our German-Swiss backgrounds, the way the kids adore pizza. Still, Sunday evenings are about the only time we get around to concocting the luscious stuff.

Then there's ice cream. Now that's a different story.

Ice cream is for today. Tomorrow. Tonight. And it's a kind of "smiley face" food. I mean, when have you eaten ice cream a sad occasion? Ice cream is a happy memory food.

As a kid, ice cream was the treat we got on Saturday evenings, usually the family favorite flavor with coconut and cherries. Don't ask me the name of it, but I can still taste that cold, sweetness we enjoyed after Saturday night visits with friends.

Then as a teenager, I remember the ice cream sales route truck that stopped by the house every Wednesday. I loved Wednesdays.

The farmer remembers how, when he was a youngster, the family weekly ice cream treat was for Sunday dinner, after church, accompanied by a big bag of potato chips.

Childhood loves die hard. To this day, I don't recommend getting in his way if there's ice cream in the freezer and a bag of chips in the cupboard.

A second generation of similar snack lovers sometimes threaten supplies of his favorite foods, and are wearing a permanent path to the munching mecca of the kitchen corner cupboard by the refrigerator.

And, at least once during visits to the shore, it becomes emotionally mandatory to mosey on down to the old-fashioned ice cream parlor, to agonize over selecting from the three dozen or so flavors. On a sugar cone, of course.

Strawberries demand ice cream. Peaches demand ice cream. Holidays demand ice cream. Winter snowstorms and ice on the pond insist that we make use of the available, abundant ice supplies (and plenty of milk in the tank) to crank up batches of the homemade variety, flavored with whatever the farmer-ice cream gourmet can lay his hands on.

Interestingly enough, a recent school food service survey report turned up ice cream as children's favorite food, finishing ahead of doughnuts, chocolate chip cookies, french fries, and - yes - pizza.

So join me in celebrating June, national dairy month.

Let's go get some ice cream.

4-H school enters 4th year

ITHACA, NY — One hundred teenagers involved in 4-H horse projects will attend the 4-H Standardbred Driving and Management School this summer in New York State.

The school is sponsored by Cornell Cooperative Extension's 4-H program and the animal science department in the New York State College of Agriculture and Life Sciences at Cornell University, with funding from the Agriculture and New York State Horse Breeding Development Fund.

For the first time in its brief history, classes for the school will be conducted simulatneously on two State University of New York (SUNY) Agricultural and Technical College campuses — Cobleskill and Morrisville — the weeks of July 8 and 15. This year, there will be four, one-week sessions, each limited to a maximum of 25 4-H members between the ages of 14 and 19.

Each session will combine classroom instruction and hands-on experience with Standardbreds. Instruction will cover many aspects of horse science, including nutrition, diseases, physiology, and anatomy. At the SUNY Ag and Tech college tracks, instruction will include grooming, harnessing, and driving. Each student will be expected to drive "solo" by the end of the week.

In addition, students will spend one day at a parimutuel harness track, either Vernon Downs or the Saratoga Harness Track, where they will learn about track operations and management, and observe backstretch activity and race preparations. The day at the track will end with an evening at the races.

The 4-H teens will live in college dormitories, eat in the campus cafeteria, and study in college classrooms and laboratories under the guidance of resident faculty of the two SUNY Agricultural and Technical colleges.

Additional information and application forms can be obtained from county 4-H agents and leaders in New York State.

Youths who are not currently enrolled in 4-H, and any other interested individuals, including non-residents of New York State, may contact any 4-H agent in the state, or Sam W. Sabin, Cooperative Extension horse specialist, 140 Morrison Hall, Cornell University, Ithaca, NY 14853; he can be reached by telephone at (607) 256-4503.

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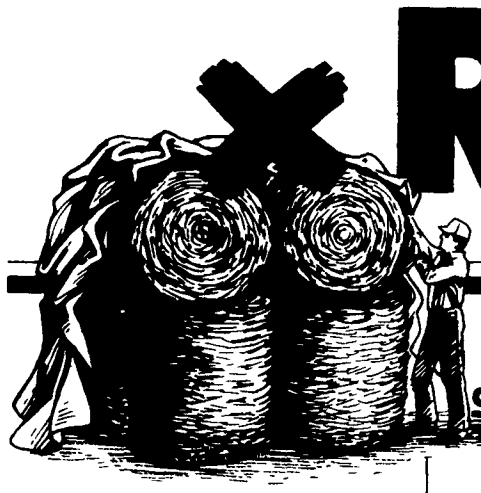

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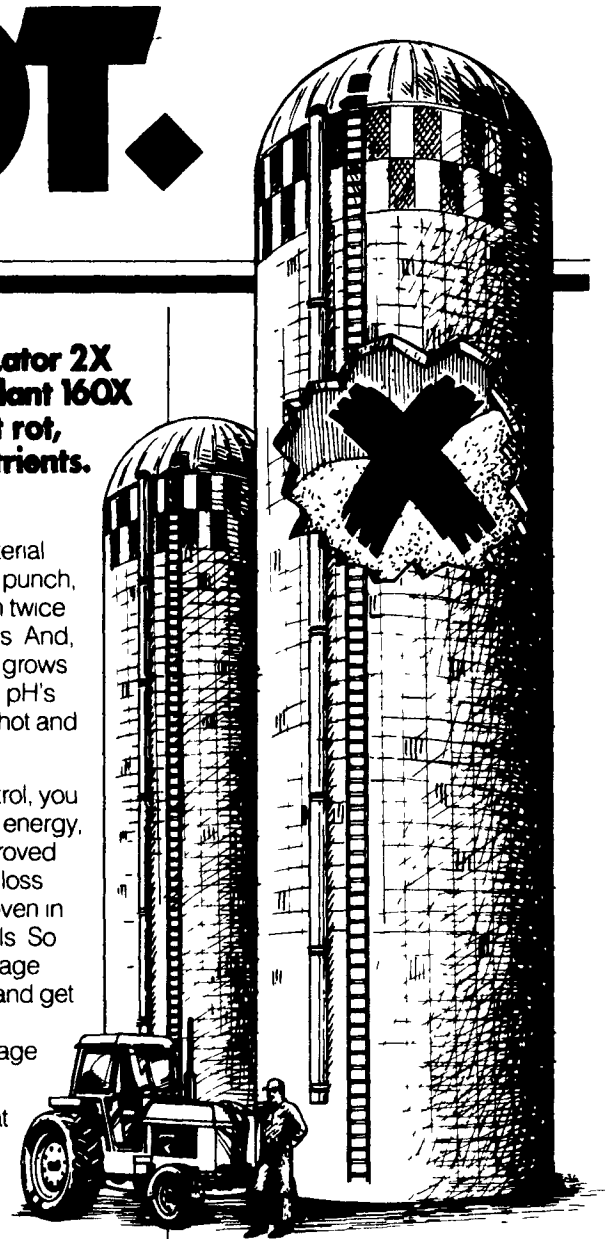

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Largest human calorimeter under construction

BELTSVILLE, Md. — The mystery of why some people get fat while others do not on similar amounts of food and exercise may be solved by a new live-in calorie counter being built here by U.S. Department of Agriculture scientists.

C.E. Bodwell, research chemist for USDA's Agricultural Research Service, says construction of the new calorie counter, known as a human calorimeter, was prompted by the need to know how much energy is in foods and how people make use of this energy.

Bodwell, who heads the research agency's Protein Nutrition Laboratory, says "no one really knows how much food a woman or a man really requires for today's modern, take-the-elevator, watch-it-on-television living."

The calorimeter looks much like a large, white walk-in refrigerator with two small windows. But it is, in fact, the largest, most sophisticated chamber to measure human metabolism in the United States, Bodwell says.

Bodwell says the new Beltsville calorimeter will be the first room-sized unit in the United States to combine direct and indirect calorimetry to measure energy produced by metabolizing food in the human body.

Sensors in the walls and in the air flowing out of the calorimeter will provide the direct measurements of heat given off through the skin of the person inside. Indirect calorimetry will measure the normal decrease in oxygen and increase in carbon dioxide in the air caused by breathing, and the amount of urea in waste products.

Bodwell says measurements will then be used to calculate the amount of food or body tissue used to produce heat. Ideally, he says, the direct and indirect methods should agree closely.

To gather all this data, a sleek, gray computer will continuously monitor over 16,000 temperature sensors imbedded in the interior walls of the calorimeter. Another instrument under the computer's control, a mass spectrometer, will constantly compare the percentages of oxygen, nitrogen and carbon dioxide in the air entering the chamber and in the air coming out.

On the outside, the calorimeter may resemble a refrigerator, but it's rather homelike on the inside, Bodwell says. The unit is comfortably heated and well lighted. A volunteer may bring along books, magazines and similar material. But researchers won't permit television sets inside because of the heat they produce.

Bodwell says clothing and furnishings in the chamber have to be lightweight to avoid blocking heat radiating from a person's skin.

According to Bodwell, detecting the heat given off by an individual will pose no problem to the chamber's sensitive equipment.

Designed to measure temperature changes in the air of as little as one thousandth of a degree, the calorimeter will easily monitor the 1,600 to 2,400 calories per day an average size adult expends. That amount of heat can bring 90-135 cups of water to a boil.

Volunteers will stay in the chamber from two days to two weeks depending on what foods and exercise patterns researchers are studying. Living conditions in the chamber will be as close to normal as possible, Bodwell says.

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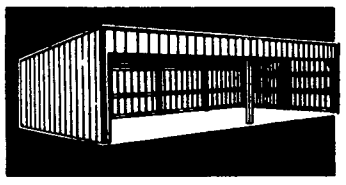

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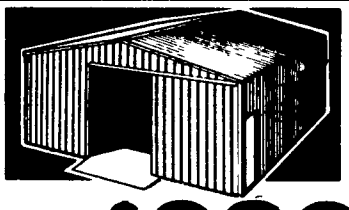

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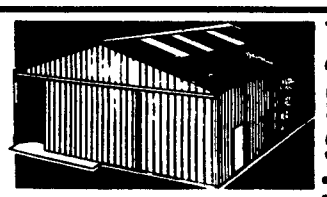

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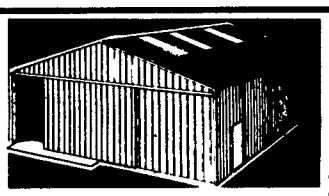

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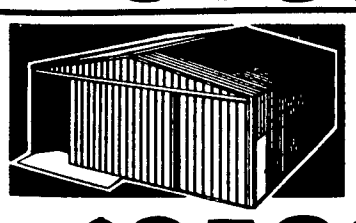

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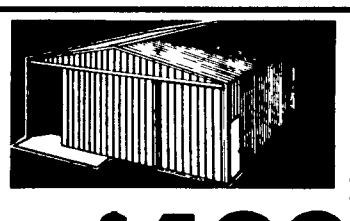

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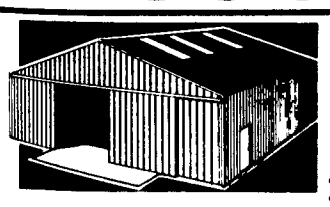

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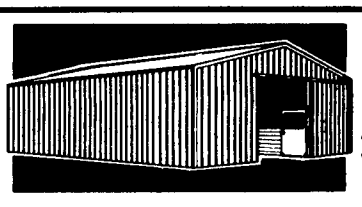

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Toy making workshop scheduled

CHESTER COUNTY — Would you like to make inexpensive educational toys for your children? The Penn State Cooperative Extension Service of Chester County is sponsoring a workshop for people who would like to make toys for children ages two through six years. You will make a toy to take home and learn about many more toys to make at home. If you have made a toy for your child, please bring it along to share with others.

The workshop will be held Monday, June 4th from 7 to 9 p.m. at the Chester County Cooperative Extension Service, 235 W. Market Street, West Chester. Call 696-3500 to reserve a spot. Preregistration is requested. A small fee is required.

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Judith Perry crowned York County Dairy Princess

BY JOYCE BUPP
Staff Correspondent

YORK — Judith Perry is York County's 1984 dairy princess, winning the coveted title tiara, and banner as the highlight of the annual pageant, held last Saturday evening at the 4-H Center.

First alternate York County dairy princess is Kelly Kilgore, and Darcy Feeser was chosen the second alternate.

The daughter of Mr. and Mrs. George Perry, Indian Rock Dam Road, York, Judy is 21 years old and a marketing major at York College.

Judy is a graduate of Dallastown Area High School, where she was involved in a number of musical activities. Drawing on those interests, she especially wooed youthful members of the pageant audience with her skit presentation that included a bit of breakdance maneuvering.

In answer to the "fishbowl" question on why it is important for farmers to present a good image to urban dwellers, the new princess replied that the urban population is considerably greater in numbers than are farmers and "that's where our money is coming from."

The George Perry's are part of Perrydell Farms, a family-operated milk production, processing and sales business with an on-farm retailing store. Through her employment with the family's retailing of milk, Judy is familiar with both production and sales segments of the dairy industry, as well as customer relations.

First alternate princess Kelly Kilgore is the daughter of Mr. and Mrs. William Kilgore, Airville R2.

Kelly is 16, a junior at Red Lion Area High School, and an officer of the Red Lion FFA chapter, as well as president of the county FFA. She is also a 4-H dairy member, exhibiting both Holstein and Brown Swiss project animals.

Using a supermarket shopper approach for her presentation, Kelly spoke on purchasing "Real" dairy foods. In response to her on-spot question about her personal goals if selected dairy princess, she expressed a special interest in reaching elementary school children, including many local rural youngsters with no real basic understanding of modern farm life.

Judith Perry, center, is York County's 1984 dairy princess. At right is Kelly Kilgore, the first alternate, and at left is Darcy Feeser, second alternate.

Darcy Feeser, second alternate, is also 16, and the daughter of Mr. and Mrs. Frank Feeser, Hanover R6.

A junior at Southwestern High School, with plans for college studies, Darcy is a 4-H dairy member, and active in many school and church youth group events.

Using pillow props fashioned after various dairy products, Darcy directed her presentation at the elementary age youngsters. When questioned as to how farmers themselves can encourage greater dairy product consumption, her answer included more personal promotion and offering consumer sampling of products.

Rounding out the dairy princess' court for 1984 are Karen Klahold, daughter of Mr. and Mrs. Walter Klahold, York R2, and Lisa Warner, daughter of Mr. and Mrs. William Waner, Felton R3.

Doug Hershey, membership service director for the Pennsylvania Holstein Association, handled the emcee duties and provided entertainment with several musical soloist selections.

Judges for the pageant were Kathleen Langkam, Glen Rock, former county dairy princess in Maryland and still active with her father's dairy farm; Barbara Stauffer, former dairy farmer and member of the Lancaster County dairy princess committee; and Donald Cole, Hampstead, Maryland, dairyman and divisional and corporate board member of Dairymen, Inc.

A full schedule of dairy month promotions is lined up for the York princess and alternates, with several school, supermarket and mall visits. Coordinator for the York County dairy princess and promotion committee is Joanne Cope, Carlisle Road, Dover.

Judith Perry, newly-crowned York County Dairy Princess, takes a heaping spoonful of the "Pleasurable Suicide" ice cream sundae.

Hunterdon County seeks dairy princess contestants

FLEMINGTON, NJ — The annual search is on for the 1984 Hunterdon County Dairy Princess. Plans have been made to hold the crowning ceremony at Turntable Junction at 3 p.m. on Saturday, June 9. This will be part of a day-long milk promotion event under sponsorship of Hunterdon's Dairy Princess Committee.

"The need now is for qualified candidates," says Mrs. Marie Schwab, milk promotion committee chairman. "We have an excellent setting for the crowning, which will be a brief ceremony in an attractive area of the Liberty Village-Turntable complex."

The contest is open to young women, 17 to 24 years of age, single, with some dairy farm experience. A candidate need not have been born or raised on a dairy farm, but must have had some involvement with dairy cows. It might be as a member of a 4-H dairy club, an FFA dairy project, or contact with dairy farming on a relative's or neighbor's farm.

A candidate has to know something about cows and have an appreciation of milk and dairy products.

There will be a panel of three judges to make the selection on June 9. Interviews will be part of the procedure. These will take place from 10 a.m. through noon, according to plans set by the committee.

Contestants are judged on appearance, personality, speaking ability, and knowledge of dairy farming, milk and dairy products. The winner will reign for a year as Hunterdon's dairy princess. She will represent the county in the state dairy princess contest to be held at Flemington Fair during fair week.

Prizes at both county and state levels are significant cash awards, but most important, is the experience and fun in competition. And, of course, the winner has the advantage of attending and participating in a year-long milk promotion effort.

The princess becomes the dairy industry's spokesman for a year, speaking out on the value of dairy products in the diet, and the contributions of dairy farming to the community in the preservation of open space, and more.

Entry forms are available by calling Mrs. Schwab at 782-7317.

Wendy Lamont, center, 17-year-old daughter of Mr. and Mrs. Wayne Lamont of East Troy, was recently chosen 1984-85 Bradford County Dairy Princess. First runner-up, left, is Diana Finnerty of Columbia Cross Road, R2, and second runner-up is Kris Renee Green of Star Route, Warren Center.

Wendy Lamont named 1984 Bradford County Dairy Princess

BY JANE BRESEE
Staff Correspondent

WYALUSING — Wendy Lamont, 17-year-old daughter of Mr. and Mrs. Wayne Lamont of East Troy, was crowned 1984-85 Bradford County Dairy Princess at the annual Dairy Princess Pageant held at the Wyalusing High School, Saturday night, May 26.

Named first runner-up was Diana Finnerty, 16-year-old daughter of Mr. and Mrs. Alfred Finnerty of R2, Columbia Cross Roads. Second runner up in the exciting competition with a total of seven contestants, was Kris Renee Green, 16-year-old daughter of Mr. and Mrs. Gary Green of Star Route, Warren Center.

Other dairy farmer's daughters vying for the title were Dawn Bacon of R3 Troy, Susan Wrisley of R2 Ulster, Katrina Coates of R2 Wysox, and Michelle Fiske of R1 Wyalusing.

The newly-crowned princess, Wendy, will be a senior at the Troy Senior High School this fall. Active in countless high school organizations, she is also musically talented, participating in the Trojan marching and concert bands, the school chorus, Cobblestones, and county chorus.

She attends the Austinville Union Church, is secretary of the East

(Turn to Page B16)

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Bradford Dairy Princess

(Continued from Page B14)

Canton Dairy Club, a member of the East Troy Home Ec Club, treasurer of the 4-H County Council, and a member of the local, state, and national Junior Holstein Clubs.

Her family owns 40 Holstein cows, and 46 heifers. She owns five cows, and seven heifers. Her father said that he might have to hire a man to replace her this coming year when she is busy with her dairy princess duties.

Royal Champluvier, chairman of the Dairy Princess Committee, welcomed the crowd which filled the auditorium, and introduced the father of 1982 Dairy Princess Valarie Moon, David Moon, who moderated the evening show.

Miss Anita Wrisley, the 1983-84 Dairy Princess, radiant in crown and red cape, was escorted to the stage by her father, Jacob Wrisley, followed by her first runner-up, Miss LuAnn Crighton. Miss LuAnn Wilcox, second runner-up for last year's crown was unable to attend.

As Moon introduced each of the contestants, he asked her to tell about her favorite activity. Three of the seven girls replied that 4-H was their greatest inspiration and enjoyment while the rest named various school activities.

Each girl was also required to act out an original commercial for advertising milk. Miss Finnerty's skit featured a large paper mache' cow, and a doll representing a man from outer space to whom she introduced milk, the perfect earth food!

Interspersed between appearances by the contestants, a 24 member singing group from Troy High School, named the Cobblestones, entertained with several choreographed popular and show numbers.

The farewell address by Miss Wrisley, also named the first runner-up in the state dairy princess pageant last year, was packed with emotion.

"It has been a very special year for me," she said, "I have grown so much and so close to Bradford County and to the people who live in it."

"I wish the new princess the best of luck. I know she will do a good job supporting a real good thing, and that's milk!"

Judges for the contest were Virginia Beeman of Kingsley, Pa., Clarence Cornman of Newville, Pa., and Lynn Tilton of Harrisburg.

The Dairy Princess pageant climaxed an entire day of festivity beginning with a Grand Parade in Wyalusing. Other activities included a foot race, chicken barbecue, milk chugging contest, petting zoo, egg throwing contest, tennis demonstration, and square dance demonstration. Despite threatening showers, Wyalusing was spared any rain and all went on schedule.

A dinner on Friday evening, May 25, for the dairy princess contestants, their parents, and the general public at the Friedenshutten Restaurant in Wyalusing was added to the Dairy Festival for the first time in the history of the festival since its inception in 1963. David Moon also acted as emcee at that event and it proved to be most enjoyable for all.

Many citizens and groups in the Wyalusing area participated to help make the festival a success, and nearly 200 dairy farmers, dairy-related businesses, and organizations, contributed money and support. A Milk Promotion Association, recently formed in the county "to help the dairy princess and others to promote milk the year around, not just at Dairy Festival time," were co-sponsors with the Dairy Princess Committee.

East Berlin Senior Citizens plan quilt show

EAST BERLIN — The East Berlin Senior Citizens group is making final plans for its annual quilt show, scheduled for Wednesday, June 13, at the East Berlin Elementary School.

"Come see the works of many hands," is the theme of the annual show, which will run from 11 a.m. through 6 p.m. at the school building, located on Fourth Street.

In addition to an array of both old and new quilts, many of them for sale, several special crafting demonstrations will run through the duration of the show.

Quilting demonstrations will show visitors the techniques of both quilting in frames and lap quilting, increasingly popular since it does not require a bulky frame, and makes an easy "pick-up" craft work.

Spinning, rug braiding, rug hooking and decoupage techniques are also planned as part of the educational demonstrations.

A bazaar of handmade craft items and a snack corner featuring locally prepared foods round out the offerings of this well-known needlework display, which regularly draws visitors from several surrounding states.

East Berlin is located at the junction of Routes 234 and 194, on the border of Adams and York Counties.

Newsletter offers canning and freezing tips

LANCASTER — Hot off the press is an all new way for "amateur" and professional home canners to keep up-to-date. The "Well Preserved Newsletter" is being made available through the Penn State Extension Service.

This newsletter will feature updated techniques, new information, recipes and energy efficient methods for canning, freezing and drying. Newsletters will arrive at your home containing information on food preservation for those foods ready to be picked from your garden or purchased at market.

To obtain the newsletter, send your name, address and $1 for postage to: Michelle S. Rodgers, Extension Home Economist, 1383 Arcadia Road, Room 1, Lancaster, PA 17601. Registration deadline is June 1, 1984.

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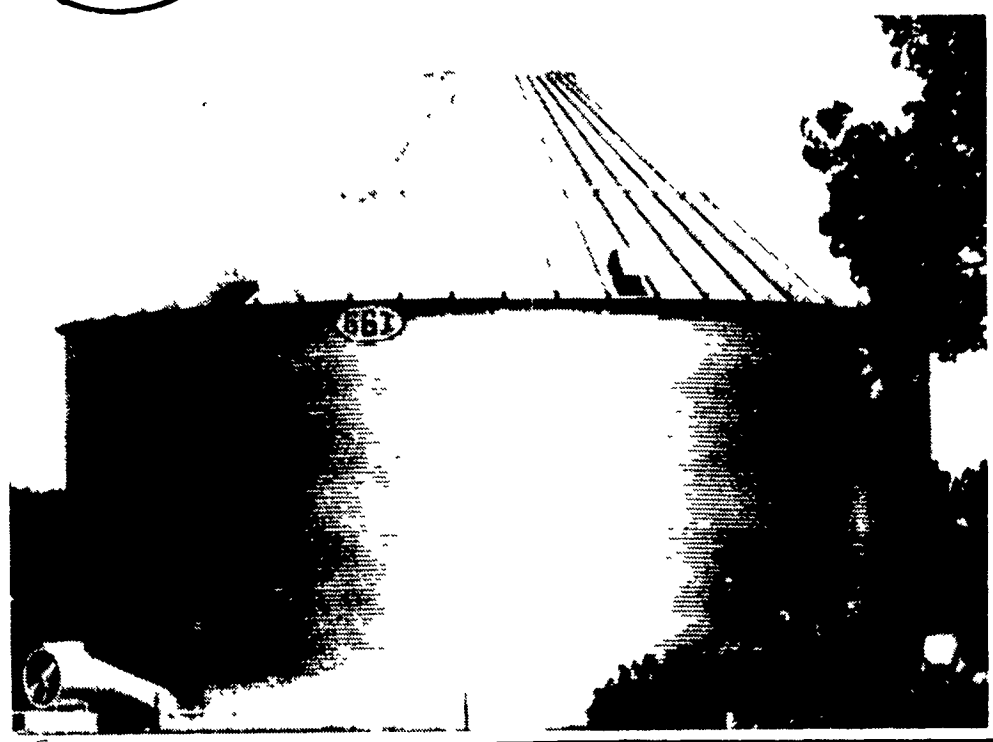

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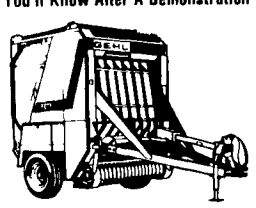

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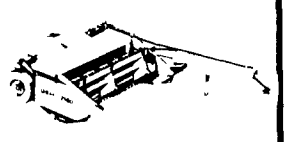

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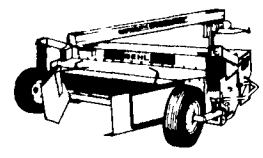

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Master of Ceremonies Bob Hondal stands between newly-crowned 1984 Somerset Dairy Princess Amy Baer left, and 1983 Dairy Princess Angie Brant.

Amy Baer crowned Somerset Dairy Princess

SOMERSET — Somerset Area Senior High School senior Amy Baer was recently crowned the 1984 Somerset County Dairy Princess during a coronation ceremony at the Oakhurst Tea Room.

Amy, 18, is the daughter of Allen and Sandra Baer of R3 Somerset. Following a smorgasbord dinner and entertainment by the Roof Garden Chorus, a barbershop quartet from Somerset, Master of Ceremonies Bob Hondal presented Amy with the crown. Last year's dairy princess, Angie Brant, was also on hand to greet the new princess.

Amy helps her parents with their herd of 60 dairy cattle on the family's 220-acre dairy farm.

Her school activities include acting as treasurer for both Y.E.A. and FHA, and a course of study in business.

She is a mat maid and was chosen this year's wrestling queen. She was a member of the prom queen's court and is a member of the Girls' Varsity Volleyball team.

When Amy's not busy with her school activities, she spends some of her time working as treasurer of the Steaks and Chops 4-H club. She is also a member of the Sipesville Clovers 4-H club and a former member of Dairydells 4-H.

Some of her other 4-H activities include: Fashion Revue, Foods Revue, Club Congress, 4-H County Council and the 1982-83 exchange trip to Phoenix, Ariz. She also competed in the Fair Queen contest this year.

Her hobbies include volleyball and swimming.

While Amy says her plans for the future are undecided, one thing she can be sure of - she'll be spending plenty of time promoting dairy products in the coming year.

Outgoing 1983 Somerset County

(Turn to Page B18)

Most Advanced Feed Management System On The Market Today

THE INTERROGATOR

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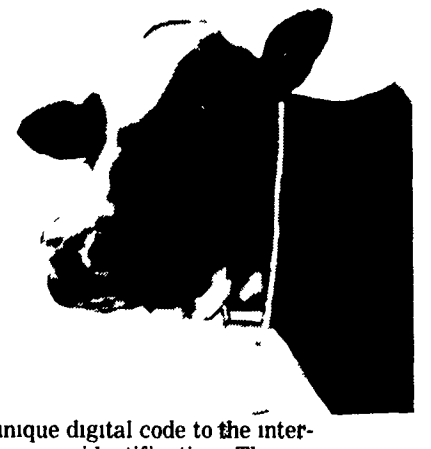

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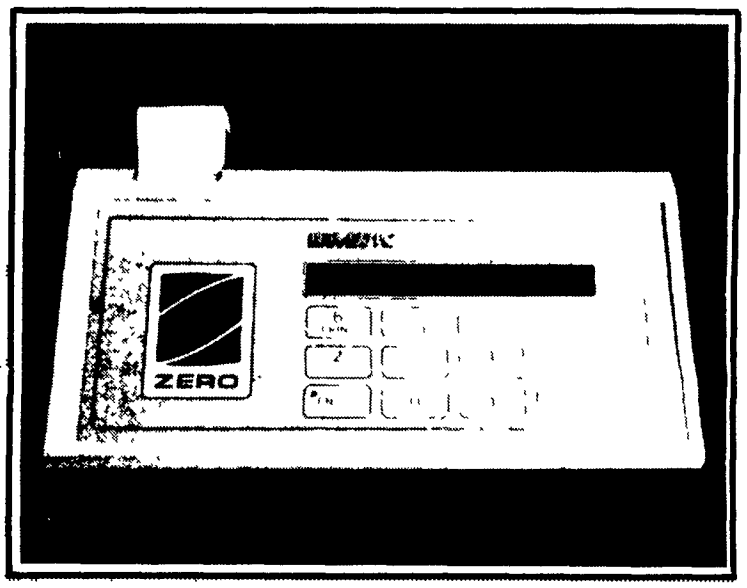
- Large, multi-function keys are easy to use and read. Each key makes an audible sound when depressed.
- Cow number is assigned to a tag number allowing manager to use numbers which are familiar to him.



- Self-diagnostic program for interrogators and CCU for easy service analysis - shortens down time.
- Exception list prints out every 24 hrs. alerting manager of cows not meeting expected feed consumption
- Lighting protection superior to most systems available today.
- User friendly - take little time to learn operation of C.C.U.
- Thermal printer for clear, concise written reports - very reliable
- Set-up for 255 cows; Add-on memory for additional cows or capability.

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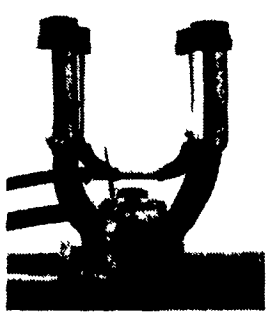

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June is dairy month

Dorothy Gish addresses Pa. Society of Farm Women at Spring Rally

BY SUZANNE KEENE

HERSHEY — Nearly 1,100 farm women from all over Pennsylvania converged upon the Hershey Convention Center Tuesday to attend the Society of Farm Women's 19th Annual Spring Rally and to hear Dr. Dorothy Gish speak about "Women's Roles in Other Countries."

Hosted by Lebanon County's 21 farm women societies, the group enjoyed a day filled with singing, talking and fellowship. Dr. Gish was the keynote speaker, sharing the knowledge she gained about women from other cultures through her travel abroad.

Raised on a farm in Lebanon County, Dr. Gish is the assistant dean of students at Messiah College in Grantham, Pa. She has traveled abroad on numerous occasions, acting as head mistress of Macha Girls School in Zambia, Africa for seven years and conducting seminars on self-esteem, child development, and marriage and singlesness in Japan, Phillipines, Hong Kong, Zambia, Brazil, New Guinea and Bolivia.

"I really value and celebrate growing up on a dairy farm," Gish said, fondly recalling memories from her childhood.

Her first trip beyond Pennsylvania's borders was to New York City, where she got a taste of the rest of the world and a desire to travel. Through her travels, she has learned much about women around the world, and it was this knowledge that she shared with the farm women.

The women of rural New Guinea who live in primitive villages, she said, spend much of their lives nurturing the pigs that are the center of their culture. Pigs take the place of money in these primitive cultures, with husbands paying for their brides with pigs. The number of pigs a family owns determines its wealth.

"A good wife is one who can control her pigs," Gish explained.

The women cuddle and snuggle the pigs just as they would their own children, and they have a special sleeping place for the pigs where men are not permitted. Each year the village holds a pig festival when every family stakes his pigs out in the yard, and the village calculates its wealth by counting the number of pigs in the village.

Traveling across the map, Gish said that many women in northwest Australia have been catapulted from the stone age to the 20th century and are having a difficult time adjusting to the changes.

The people, who were hunters and gatherers for centuries, have been forced into government housing that has all the modern conveniences of a traditional Western home.

However, the women are accustomed to living in a vary harsh environment," that would kill most of us within a week," and they have not adjusted well to the change, Gish said.

Chores like getting water and preparing meals, which used to take all day, now take only a fraction of their time, and the women do not know what to do with themselves. The situation is really sad, she said, but there don't seem to be any easy answers.

"They seem to me to have no authenticity as people," Gish said.

In Africa, where Gish spent over two years with the Batonga people, cattle play an important role similar to that of pigs in New Guinea. The bride price is paid in cattle, with the prettier, better educated brides costing more cows.

"In a sense it is a safeguard to marriage," she explained.

If the husband mistreats the wife and she returns to her parents, he must return the cattle. But if she leaves him without provocation, he keeps the cattle.

The African women are getting caught between two cultures, Gish explained. They have been introduced to all the modern conveniences, but have little knowlege of how to cope with the changes affecting their lives. They know both the ancient and modern lifestyles, but can't seem to fit them together.

Dr. Dorothy Gish addressed nearly 1,100 farm women at the annual Spring Rally. Dr. Gish spoke on "Women's Roles in other Cultures."

"They have no frame of reference to relate to," she said. "For many women life is very difficult."

Japanese women are coping with similar difficulties, Gish said, with ancient and modern cultures existing side-by-side. In a home where guests must remove their shoes before entering, the decor is modern. The Japanese sit on the floor to eat a traditional Japanese meal, but the kitchen is loaded with modern appliances, including a dishwasher.

In this country marriages are traditionally prearranged by parents and a marriage broker. When the marriage broker finds a woman a suitable match, the couple begins dating. However, the couple retains the right to call off the relationship whenever they want.

While many of the more modern Japanese college women fight tradition by having a college fling, in the end they usually marry the man of their parent's choice, Gish said.

In traditional Japanese culture, the wife's role is more of a slave than of a companion to her husband. The wife focuses her attention on her children and eventually gains power through her relationship with her son.

"Women don't know how to act as a companion," she said.

For Bolivian women the gap between modern and ancient culture is mostly the result of poverty, Gish continueds. The women get their information about modern life from watching American movies, and from them learn to desire modern conveniences.

But because of their poverty, they can't afford to buy all the things they want. They use a bucket with holes punched in for a shower, and a wooden tub with a corregated washboard for a washing machine.

From her experiences abroad, Gish concluded that "women everywhere are fascinating." Despite their differences, "each one needs to be loved and accepted for herself."

Earlier in the day the farm women listened to a musical presentation by Laura Ritchey, who also provided music during the noon meal.

Laura was named Lebanon County Girl of the Year by the Women's Clubs of Lebanon County last year for her achievements in high school and the community. In the past year, Laura has been attending Grove City College, where she has continued her active involvement. She is treasurer of the Women's Governing Board, and next year will be sophomore class president. She is in band, choir and a Christian entertainment ensemble called "New Grace."

Women from Lebanon County's Farm Women Societies and the Spring Rally Committee planned this year's rally. Karen Skellers and Barbara Grumbine, were co-chairmen of the committee

"The Stormy Weather Glee Club," consisting of members of Lebanon Farm Women Societies, provided surprise afternoon entertainment. Lebanon County hosted this year's Spring Rally held at the Hershey Convention Center.

Laura Richey provides dinner music for the noon meal at the Society of Farm Women Spring Rally.

Somerset Dairy Princess

(Continued from Page B17)

Dairy Princess Angie Brant made about 100 appearances at schools, farm tours, supermarket and shopping center promotions during her reign. She talked to both farm and non-farm groups and participted in special events like parades.

During the year, she traveled 2,708 miles promoting dairy products. But despite all the time and hard work she put into it, Angie says she believes the effort was all worthwhile.

Ladies Have You Heard?

By Doris Thomas
Lancaster Extension Home Economist

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Are evenings out on your back porch or in your yard made less enjoyable because of annoying insects? You can reduce the number of gnats, mosquitoes and flies in the air if you use an insecticide space spray.

Some of these sprays come in ready-to-use pressurized cans. Others you apply with a hand sprayer that produces a fine mist. Space sprays usually remain effective for at least 30 minutes. If the insects are nto migrating, effectiveness may last as long as several hours.

When buying space sprays, read the label and buy sprays labeled for use against flying insects. To treat a small outdoor area, such as a small yard or picnic spot, apply the spray upwind of the site, walking slowly across the upwind side of the area you want to treat. If you use a pressurized can, hold it upright and as close to the ground as possible. If you use a hand sprayer, hold it about three feet above the ground.

Be careful not to apply a space spray directly onto trees, shrubs, and other plants. Sprays contain oil which can damage the plants. And never apply a space spray or any insecticide to your skin.

SAFE VACATION DRIVING

Regardless of how far you plan to travel, include driving safety in your summer vacation plans.

Take your car into your family mechanic for a check-up. By keeping it regularly tuned and in top condition you can improve your gas mileage.

Many people want to buy as much gasoline as they can. But during summer months, don't completely fill the tank. Gas expands when it is warm and you may lose some of it. Do not, under any circumstances, travel with a spare can of gas.

Carry along a spray bottle of a vinegar-and -ammonia solution to keep the window glass in your car clean – inside and out. Smoke can cause a varnish-like glaze on the inside of windows which cuts night vision and makes driving extra difficult at sunrise and sunset.

Preplan the trip– especially the route. Check with state highway commissions and the latest maps to find the best roads. Interstates are busy during the summer, so you might consider taking the backroads for an easier driving pace and more varied scenery.

.Determine where gas stations, campgrounds, motels and recreation areas are located. Make reservations in advance. But be realistic, don't overestimate the number of miles you can drive in a day. Include time for rest stops and sight-seeing – especially if you are traveling with active children or pets.

F.W.S. Calendar

Saturday, June 2
Lancaster Society 6 meets at Brethren Village for a program by Joyce Peacock, director of volunteers at the Village.
Lancaster Society 1 meets for a "Close Encounter" program by Bob Love.

Tuesday, June 5
Lancaster Society 23 meets for a program on safety.

Friday, June 8
Lancaster Society 13 meets for a safety program.

Saturday, June 9
Lancaster Society 25 meets for a program on nutrition.

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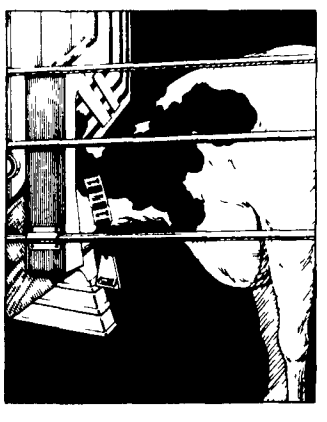

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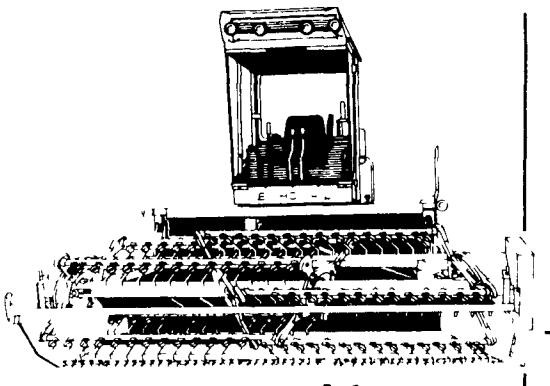

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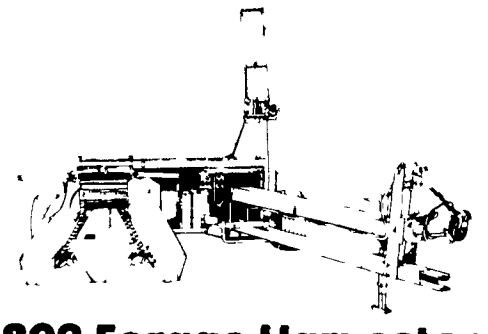
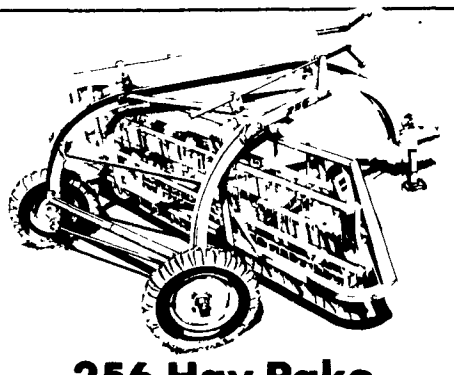


892 Forage Harvester



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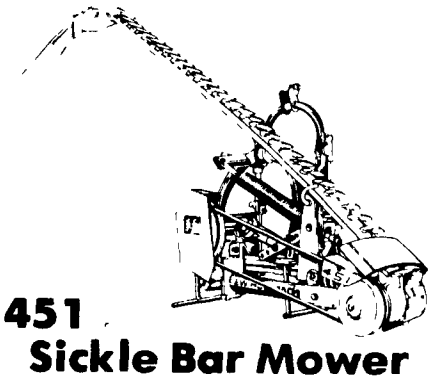

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Farm Women Societies

Lancaster Society 3

Lancaster Society 3 recently met at the home of Barbara Stauffer.

During a business meeting the members approved the purchase of a crib which will be given to the "Expanded Foods and Nutrition Education Program" of the Penn State Extension Service. The crib will be lent to a mother or family in need, with the stipulation that they return it to the Extension Service when they are finished with it.

Jane L. Lee presented a program on "Band Boxes."

The June meeting will be a tour of the Mount Hope Estate and Winery. The group will leave from the Lincoln United Church of Christ at 12:30 p.m. on June 16.

Lancaster Society 5

Lancaster Society 5 met recently for their May meeting.

Pat Grube spoke on "The Cookie Story."

The June meeting will be on June 30 at the home of Thelma Debord, Lititz.

Lancaster Society 27

Lancaster Society 27 was entertained Monday evening by Society 34 in the United Methodist Church in Quarryville.

The evening featured a presentation by Richard Humphrey from Gnome Countryside.

Society 27 will have a vacation month in June. July 15 will be an excursion to Raystown Lake with husbands and friends.

Lancaster Society 34

The members of Farm Women Society 34 met on May 21 at the Memorial United Methodist Church in Quarryville.

Richard Humphreys from the Gnome Countryside in Kirkwood spoke on Gnomes and nature.

The next meeting will be on June 18 at the home of Denise Young with Elaine Knight as co-hostess. The program will be 1983 Dairy Princess Bonnie Gochenaur.

Berks Society 6

Berks Society 6 recently met at the home of Mrs. Earl Hoffman for their May meeting.

Michele Harley showed slides of the cheerleading competition in Dallas, Texas, in which she participated.

The picnic for members and their families will be held on July 15th.

The June 19th meeting will be at the home of Mrs. Carl Herbein.

York Society 11

York Society 11 of Potosi, recently presented $50 to each of the six community fire companies of the areas in which members live.

The $50 checks went to fire companies in Shrewsbury, Winterstown, Glen Rock, Seven Valleys, Loganville, and Jacobus.

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June is dairy month

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June is dairy month

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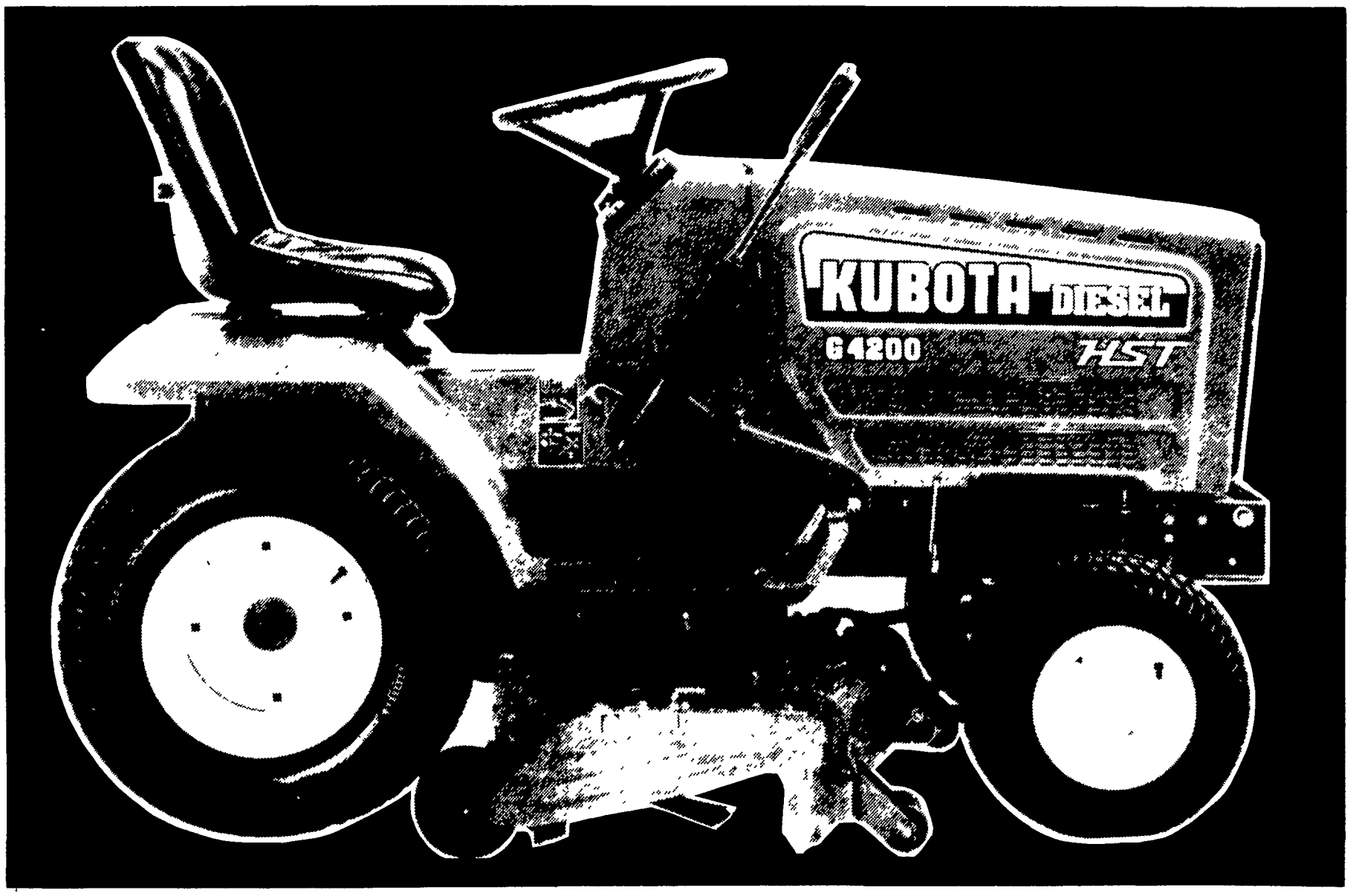

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PARTS ★ SALES ★ SERVICE

Active farm wife Linda Kreider leads Milk Promo

BY SUZANNE KEENE

RAWLINSVILLE — Some people sit back in their easy chairs, watching life go by and moaning when things don't go their way. But other people make things happen. They are the involved, active people who are behind every successful endeavor.

Linda Kreider, Rawlinsville, falls into the active category. Her list of activities goes on and on like a child's list of wants at Christmas time. She is chairman of Lancaster County's Milk Promotion Committee, secretary of Lancaster Farmers Association, a member of the Fulton Grange, chairman of the Kitchen Committee for the Solanco Fair, and president of her farm women society.

"I just enjoy being around people and working with people," she says of her numerous activities. "I enjoy it."

As chairman for the Milk Promotion Committee, Linda has led the committee to making some significant changes in Lancaster County's dairy princess pageant. In the past, the pageant has consisted of a banquet and ceremony, with guests paying an admission fee to cover their meal.

This year, the committee has decided to eliminate the banquet and the admission fee. The evening will begin with a milk punch and cheese reception at 7 p.m. on June 15 , followed by the pageant itself at 7 30. Following the crowning of the new princess, the committee has planned a dairy bar, consisting of ice cream donated by local dairys

When the pageant included a banquet, the program had to start earlier in the evening, which was a problem for some farmers, especially dairy farmers who have evening milking to finish. Linda said she hopes that the combination of the earlier time and free admission will draw a large crowd for this year's event.

"I'm looking for a large crowd," she said.

Once the dariy princess pageant is over for another year, Linda will have more time to devote to her duties as chairman of the Kitchen Committee for the Solanco Fair. This job includes planning the week of the fair and serving all the meals during that busy week in September.

Entering into her sixth year in this capacity, Linda is quite familiar with what needs to be done and how to do it. She explained that a typical food order for the fair consists of 300 pounds of roast beef, 130 pounds of barbecue, 600 pounds of chicken, and 300 pounds of ham.

In the spring 10 pounds of sweet corn are planted for the fair. At harvest time, the committee freezes 30 quarts of corn, usually in one day, Linda said.

While freezing so much corn in one day may seem an enormous task, Linda shrugs it off, saying, "I like to cut off corn."

In fact, Linda's first involvement with the committee came six years ago when she offered to help them freeze corn. Later that day one of the directors approached her and asked if she would consider acting as chairman for the committee.

Since accepting that offer, Linda has worked with the 10 other committee members to make sure that the food for the fair is ready on time Two weeks before the fair the committee begins baking the roast beef, and preparing the chicken corn soup and barbecue that will be sold at the fair.

While it hardly seems possible, Linda is even busier during fair week, when she spends most of her time at the food stand, making sure all goes smoothly.

"I do come home to do my eggs," she confessed, referring to her twice daily chore of collecting the eggs from their 50,000 layers.

During last year's fair, Linda's farm women society, Lancaster Society 21, won first place for the float they entered in the parade. The society was celebrating its 35th anniversary and Linda was in her first year as their president.

"We were really surprised when we got first prize," she said.

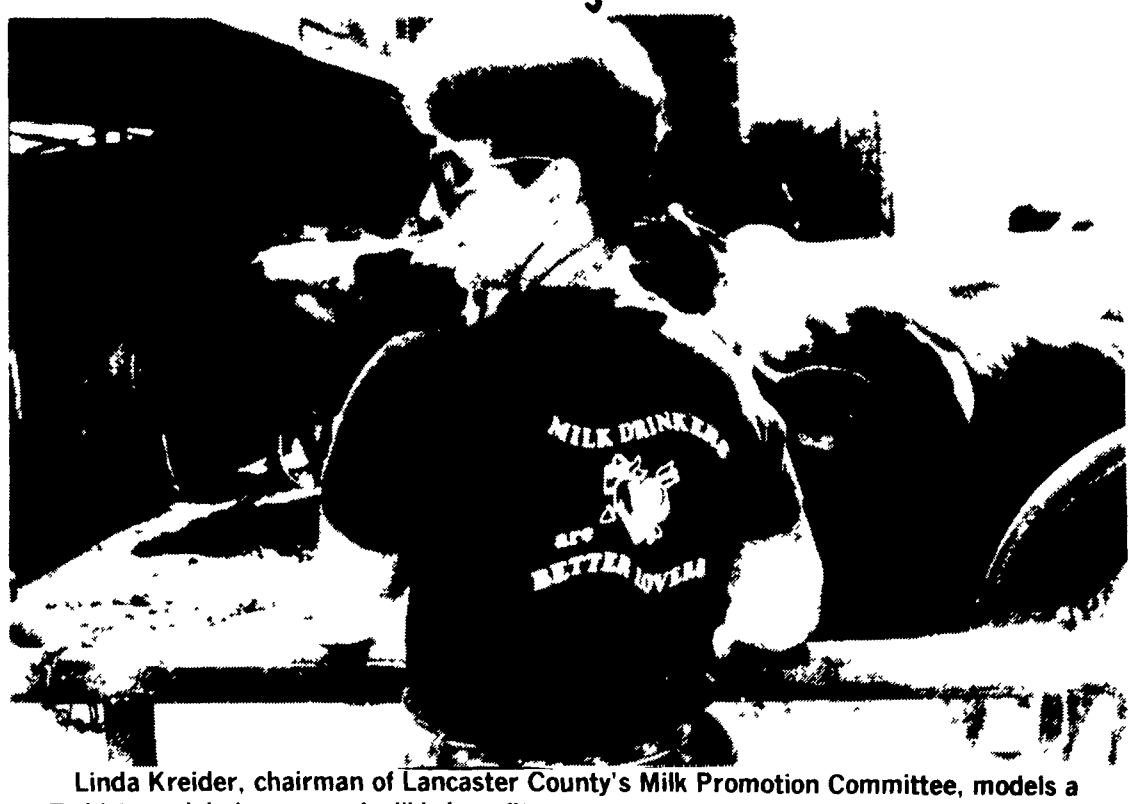
The float featured four scenes depicting activities the farm women are involved in. The scenes included a lady working in her garden, a teacher with her pupil, a nurse with a patient and a grandmother.

As secretary for the Lancaster Farmers Association, Linda takes the minutes at the group's monthly meeting and sends out the minutes. Participating in this group helps her keep abreast of legislation affecting farmers, something she believes is very important.

Linda also finds time to help with the Fulton Grange's annual turkey supper and serves on their refreshment committee at least once a year.

One of Linda's activities that she especially enjoys is clerking at public sales. The opportunity to do this came when her husband's uncle, Everett Kreider, found

Promoting milk



Linda Kreider, chairman of Lancaster County's Milk Promotion Committee, models a T-shirt proclaiming some of milk's benefits.

Showing collectibles

Linda poses with a few of the farm-related items she has collected over the years. Her part-time job clerking at public sales gives her a front-row seat to see the items on sale.

The more you expect from your milk feed money, the more you're our kind of dairyman.

Whatever your plans are today – to produce more, less or about the same amount of milk as last year – one thing's for sure. You want the most possible income from the dollars you spend for feed.

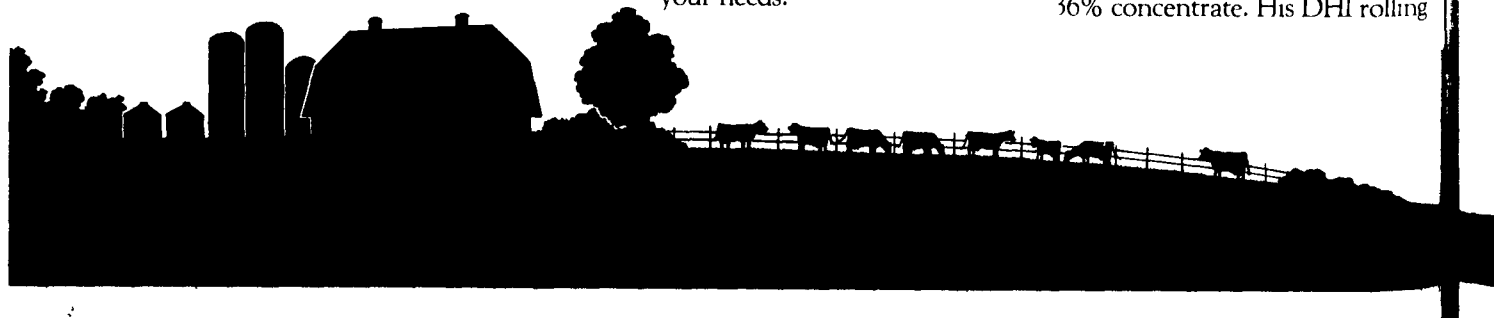
And the key is choosing a milking ration that best balances any roughages and grain you may have; that fits your kind of cows – and that will produce the amount of milk you expect. A feed that will do all this most efficiently.

More and more dairymen, including some of the best in the business (like those featured here), find the answer at their Purina Dealer. Purina offers over 200 different milking rations to make sure there's one that will fit your herd. And 63 separate mill locations assure the feeds needed for your area are available.

Ask your Purina Dealer to help you select the best ration for your needs.

DHI rolling herd averages in the top 5% earned them Distinguished Dairyman of America Awards.*

A third generation dairyman, *David Roth of Loysvillle, Pennsylvania*, uses the total Purina dairy ration program – from nursing, starting and growing feeds through High Octane® Cow Chow® brand 36% concentrate. His DHI rolling



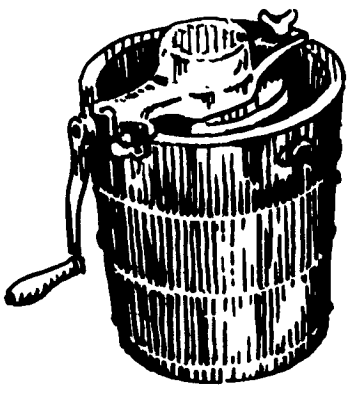
...on Committee, participates in farm organizations.

himself without a clerk and asked Linda to fill in for him. Although she had never clerked before, Linda readily accepted his offer and found that she really liked the job.

"I'm outside among people," she says. "I enjoy that."

She also clerks twice a month for Good's machinery sales in Leola.

Having a front row seat at sales has another advantage for Linda, who collects "anything with cows and chickens." Her special seat allows her an excellent view of everything on sale so she's sure not to miss a good buy.



Farm chores also take a substantial portion of Linda's time. She and her husband, Gerald, own two farms in Rawlinsville. One farm houses 110 holsteins, with half belonging to the Kreiders and the other other half to their partner who takes care of the dairy farm. The Kreiders live on the other farm and farm the 250 acres of tillable land on the two farms.

Raising calves

Linda Kreider reaches out to pet one of the calves on their Rawlinsville Farm.

Linda's chores include collecting the eggs and helping with the field work.

"I like to be out in the field," Linda said. "I do all the spraying and my husband does the planting."

"I never liked to do housework," she confessed. "Anything out in the field - I'd rather do that."

She also collects the eggs from their 50,000 layers twice a day, taking a total of approximately five hours a day.

The Kreider's have a 15-year-old son, Brian, who helps out with the farm chores after school and in the summer.

Each morning after the eggs are collected, Linda runs to help keep herself in shape. She also belongs to the a health spa and rides bicycle. Linda says that milk products are an important part of her fitness campaign.

"I drink skim milk," she said, adding that cheese and ice cream are other favorites.

Doing farm chores

Helping with field work is a more attractive job than cleaning house to Linda Kreider.

Calcium needs continue throughout life

SOUTHAMPTON — Calcium isn't just important in our diet — it is essential. Essential for strong teeth and bones, for proper muscle contraction and relaxation, and for a rhythmic heartbeat.

Calcium's importance is well documented according to the Dairy Council Inc., Southampton, Pa., we need calcium throughout life — during infancy and the growing years, adulthood, pregnancy, menopause, and post-menopause. It is especially important for the later years when so many people — mostly post-menopausal women — develop osteoporosis, the bone-degenerating disease that researchers believe results from insufficient calcium stores.

Bone loss begins in the fourth decade of life, but accelerates immediately after menopause. Female hormone intake can inhibit it, but many physicians are relunctant to prescribe this alternative because of associated risks, such as uterus and breast cancer.

An option to this accelerated bone loss, says Robert Recker, M.D., professor of Medicine at Creighton University School of Medicine, is to increase dietary calcium intake to 1 gram daily for pre-menopausal women and 1.5 grams daily for post-menopausal. Reports call the average intake of calcium low among post-menopausal women; it has been cited at less than 350 mg. daily.

Before resorting to supplements for your calcium, why not increase your milk consumption from the required 2 servings, daily, to a minimum of 4 servings daily?

Some dietary components have been found to affect calcium metabolism, Recker says, among which are alcohol and caffeine. There is general scientific agreement that people who consume large amounts of alcohol over a long period of time will have a depressed skeletal mass and a probably high incidence of fractures.

Data also show that high caffeine intake causes an increase in bone loss. One cup of coffee contains enough caffeine to cause a 6 mg.-a-day extra loss of calcium in the urine.

It's long been known, too, that high protein intake, which is higher in the United States than necessary, causes negative calcium balance. One cannot eliminate protein from the diet, but bone health one reason to moderate its intake.

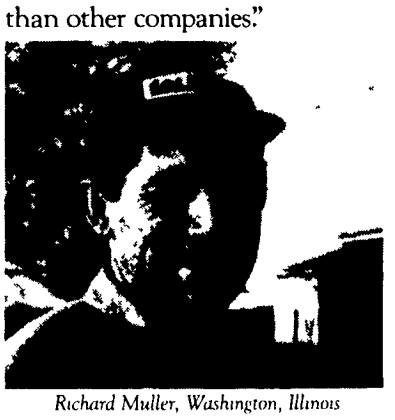
Another lifestyle that may lead to later-life fractures is cigarette smoking. Several studies show a relationship between osteoporosis and smoking that seems strong enough to suggest that smoking should be avoided.

Bone health is a long-term concern, says Dairy Council, that affects the life cycle at every stage.

David Roth, Loysville, Pennsylvania

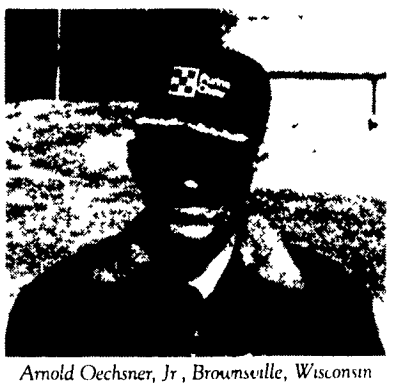
herd average is 19,476 lbs. "I tried to increase milk production with another feed," he says, "but it didn't work – so I went back to Purina. It's a lot better feed."

Richard Muller, Washington, Illinois, who also feeds Purina High Octane brand 36% concentrate, reports a DHI rolling herd average of 19,962 lbs. "My father started feeding Purina Cow Chow about 1925 and the herd has been fed Purina since," Muller says. "We have always been satisfied with the results and felt that Purina has done more research than other companies."



Richard Muller, Washington, Illinois

Another third generation dairyman is *Arnold Oechsner, Jr.* of *Brownsville, Wisconsin*. He feeds his 115 head herd both Purina High Octane brand 36% concentrate and Purina Milk Generator® brand 1056 complete ration. Oechsner, who has a DHI rolling herd average of 20,309 lbs., says he has fed Purina milking ration for more than five years because it "has given me the most milk production per cow per year."



Arnold Oechsner, Jr., Brownsville, Wisconsin

*Recognition of dairymen who have fed Purina milking rations for over 12 months and whose DHI rolling herd averages are in the top 5% in their state for their breed

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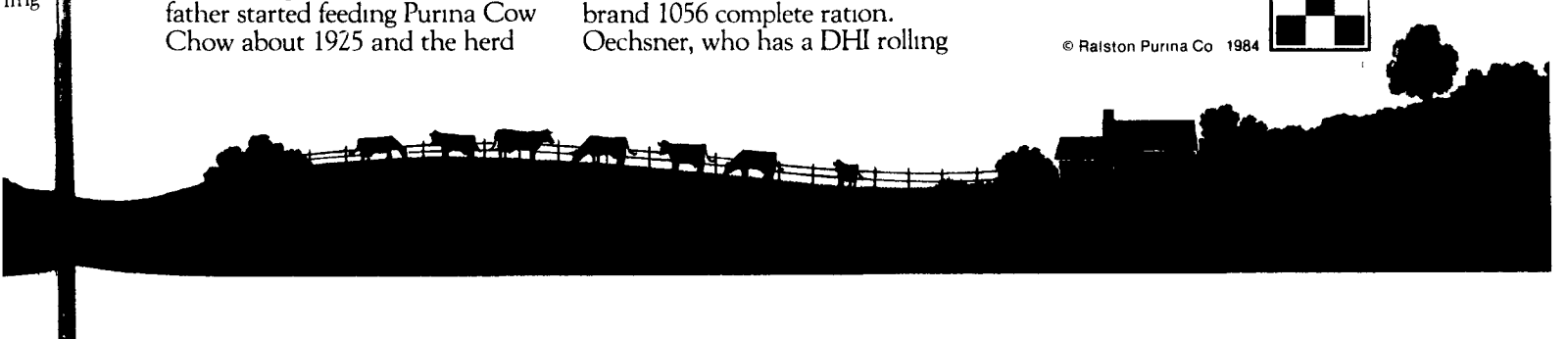

Ida's Notebook

Ida Risser

Our farm has its ups and downs the same as most other farms. For a while everything seems to be going along fine and then we lose several calves or even several cows. At times like these, one almost feels like quitting — who needs so much trouble?

Other times the problems will be with machinery. It will seem as though not a day goes by that we are not on the road hunting a dealer with just the right sprocket, gear or belt. And, of course, these breakdowns happen when the sun shines and not on a rainy day when we'd have time for repairs.

At one time our cat population was so high that we were overrun with them. Then they got a respiratory disease and I was continually digging holes in the field to bury them. Now we are gradually building up our cat family. Our one old mother cat had a litter under the wood pile. At least I think that's where she was before she moved them under the front porch.

The trouble started when she moved them again to the back porch. They broke off the lily leaves, the peony stalks and chewed up the potted plants. However, the four of them became a bit wary of the area when the orange one, born without a tail, got it's paw caught on a fish hook. I don't know if it hurt the kitten any more than it hurt Cindy and I to finally get it loose.

Our small gaggle of geese are finally allowed in the meadow by the wild geese. The reason being that they have hatched three goslings and are not as belligerent as previously. Even though they are pretty birds, I'll be glad to see them float away down the Conestoga River. But if all goes according to their plans, we'll see them next spring when they come back to nest on our island again.

Spending time together strengthens family ties

DELAWARE COUNTY — Take a walk in the country; look for wildflowers in the woods, or watch the squirrels and rabbits in the fields. It almost doesn't matter what you do as long as you do it together. Greta C. Vairo, extension home economist with the Penn State Extensin Service says that one of the hallmarks of strong families is doing things together.

Now that warm weather is finally here, life has returned to the Pennsylvania countryside. So, take your family on an outing. You don't have to go far. You don't have to spend money. Just take the time to talk and listen and look together. Sharing is an important part of building your family strengths.

There's lots to do in the country. If you have young children, help them explore nature by touching, watching, smelling, and listening. This area has parks, arboretums and other areas to explore. Streams are always fun — you can try a little fishing, wading, or rearranging the stones. To a small child, even a slight hill can be turned into an adventurous mountain climb.

No matter what your age or condition, be sure to dress for the occasion. Wear comfortable shoes for walking in the woods. Remember, there is something about the clear country air that makes people hungry, so take some food — something simple like crackers or an apple will do. If you have a field guide or can borrow one from your library, it's always fun to look up birds, rocks, and wildflowers on the spot. You and your family will be sharing a discovery.

When you get home, talk about what you've done, where you've been, and remember the little things that happen. You will be building a pattern of enjoying each other. Enjoying your family is one of the secrets of keeping it strong. Penn State is an affirmative action, equal opportunity university.

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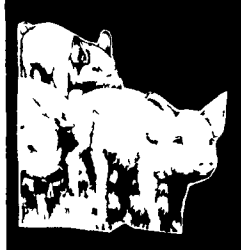

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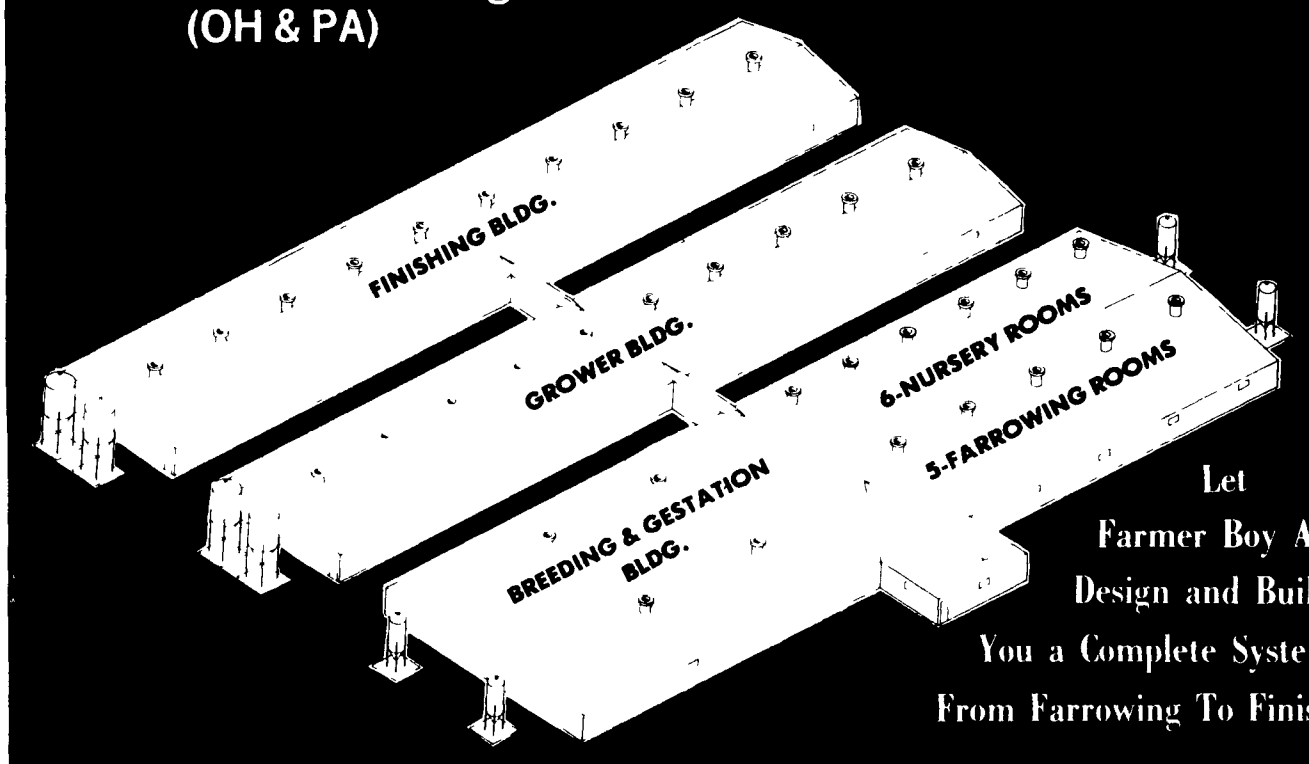

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For the avid gardener

Mad for marigolds

Look through the pages of any seed catalogue. Walk into any garden center in spring. You'll see dozens and dozens of marigolds in all sorts of different flower types: single flowers, doubles, crested types, carnation-types, even delicate lacy flowers.

It's a wonderful predicament, trying to decide what's best. For even with the dozens of marigolds to choose from, it's easy to keep all those different flower types straight.

Marigolds are divided into four basic groups: the dwarf French marigolds; the taller African (or American) marigolds; the lacy, fernlike signets; and a new class, the triploids. Each group contains several different flower types: crested, carnation, doubles, singles and others. Each variety, however, has special characteristics that make it easy to decide what's best for you.

French Marigolds- The French marigolds are dwarf, growing no higher than 12 inches. At one time, along with their small size, they bore small nondescript flowers, But plant breeders have worked to develop plants with the same dwarf size and larger, more varied flowers.

There are now four types of vivid flowers within the French group: crested, carnation or anemone types, single flowered and single crested.

By far the most popular crested marigolds have a mound of petals in the center and long, broad guard petals along the edges. Petals are often attractively quilled or honeycombed.

'Bonanza' and 'Boy' marigold series are crested types. New for 1984 are 'Bonanza Harmony' with orange flowers and maroon collars; and 'Sunny Boy', with golden yellow flowers.

Companions to the crested marigolds are carnation or anemone types with broad, flattened petals and solid, bicolor or speckles colorings.

'Red Cherry' is a popular carnation type with a red color truer than other marigolds. The 'Queen' series is another popular carnation type. 'Queen Victoria', the latest addition to the series, has the sam, unique, broadened petals in deep gold, lightly flecked with red.

Single French marigolds, such as 'Dainty Marietta' are also available with broad, single flowers. 'Spinwheel's' red and yellow stripes radiate out from the center of the flower.

Intermediate between single and the double is 'Tiger Eyes', a single marigold with just a trace of cresting in the center.

French marigolds mentioned are compact and make excellent plants for borders or edgings - as well as fine container plants.

African Marigolds- The African (or American) marigolds, are the statuesque plants often used against fences or walls, as backdrops or focal points for beds or even as small hedges to divide the garden.

Lovers of these tall marigolds can choose between two different flower types; the all-doubles and the carnation or anemone types.

The all-doubles have full fluffy flowers on plants that grow up to 36 inches tall. Flowers stretch 3-4 inches across and from a distance appear to be soft, fluffy balls of color. They're attractive clos up, too, where their distinctive doubling and large size really stand out.

Some of the most dependable and popular varieties include the 'Inca', 'Jubiliee; and 'Lady' series.

The carnation American marigolds have a more flat-topped, broad flowered form with vivid, pure colors. 'Sunshot', a sparkling yellow, is early, with big 3-inch blooms.

The Signets- Signet marigolds are one of the best kept secrets in gardening. With their unusual, lacy flowers and fern-like foliage, they attract attention wherever they're planted. The lacy flowers have a very pleasing, delicate feeling to them. Their 10-12 inch size makes them suitable for borders, edgings or containers. Try 'Tangerine Gem' for outstanding performance.

Triploids- Triploid marigolds are crosses between American and French marigolds. The result is a plant with the bst characteristics of both - the sturdiness and vigor of the Americans with the compact habit of the French kinds. Because the triploids are 'mules' they turn all their energy into producing flowers instead of seed ... even in the hottest days of summer.

Both crested- and carnation-flowered triploids are available. One of the best crested varieties is 'Encore', a primrose, almost translucent yellow.

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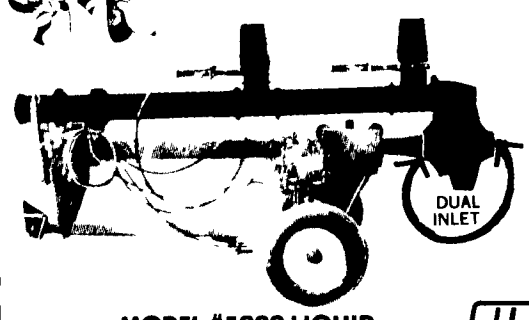

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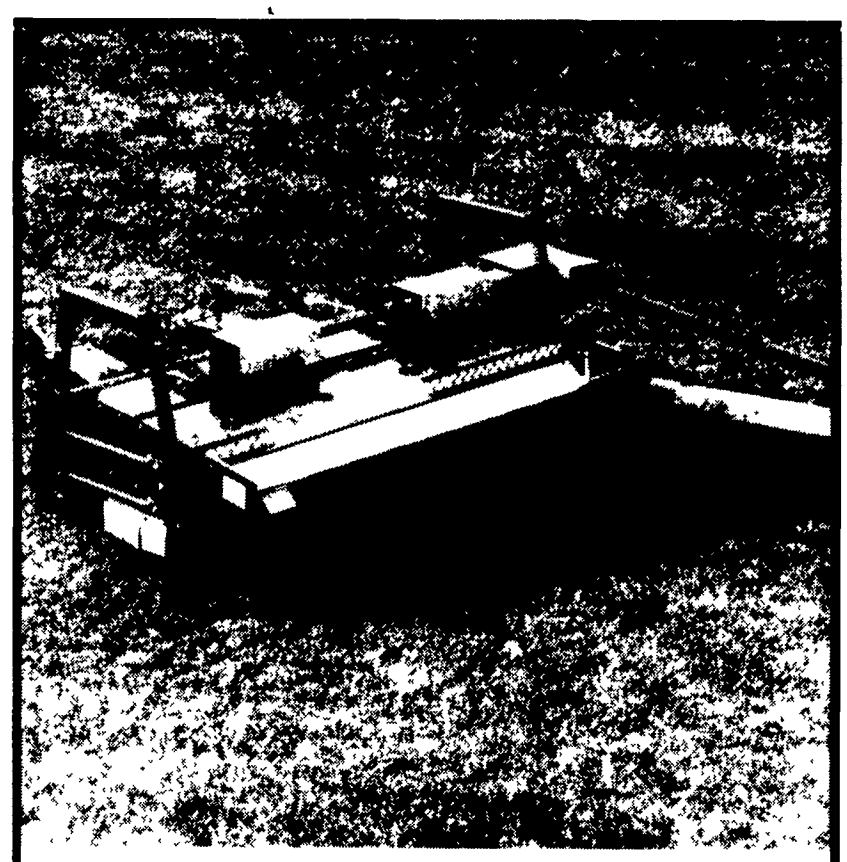

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Pack picnic foods safely

DELAWARE COUNTY - Warm weather and the beginning of the picnic season is here. Do yourself and your family a favor; plan your picnic food for safety, says Greta C. Vairo, Delaware County extension home economist. Don't make your family sick by serving food that has spoiled in hot weather. It's easy to forget about food safety when you're having fun.

Picnics are leisurely affairs — you may decide on a game or a family walk before eating. So be sure to pack your food to keep it fresh for hours. Remember, the longer the time between kitchen and feast, the more important your precautions will be. Here are some tips on keeping your silvan repast — otherwise known as a picnic — safe for family and friends.

• Choose foods that don't spoil easily. Sandwich spreads and salads mixed ahead of time spoil quickly in hot weather.

• Have all foods cold or frozen when you leave the house. The colder they are, the longer, they" stay safe — this is especially important for meat.

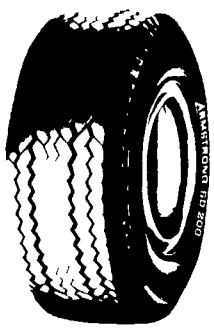
• If you take food that will spoil easily, pack it in insulated containers with ice and have the food cold before you pack it.

• Always park your picnic basket in the shade. Never leave food in the car — temperatures can rise to nearly cooking levels in unshaded parking lots.

• Only take what you can eat. Perishable leftovers should be thrown away — they could make you very sick.

• Take basic ingredients and mix them up on the spot. They'll taste fresher and be safer for you. If you want egg salad, take hard-cooked eggs in their shells and open and mix them there. The same goes for tuna or potato salad — leave them sealed in their jackets or cans until you're ready to eat.

• Spreading out the food and getting it ready to eat is part of the fun on a picnic. Make chopping, mixing, and preparing part of the ritual. There's always a little extra time for it while the meat is cooking. Use those extra few minutes for safety. Penn State is an affirmative action, equal opportunity university.



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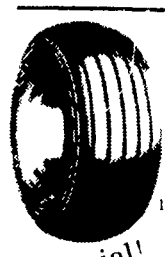

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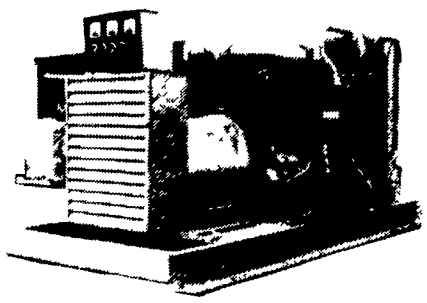

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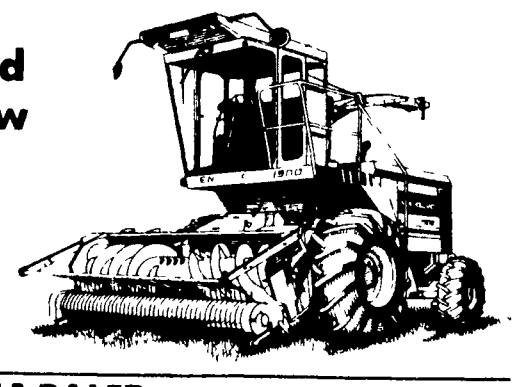

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Less Free Bkt.	690
SALE PRICE	$14,800

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List	$11,207
Our Disc.	1,812
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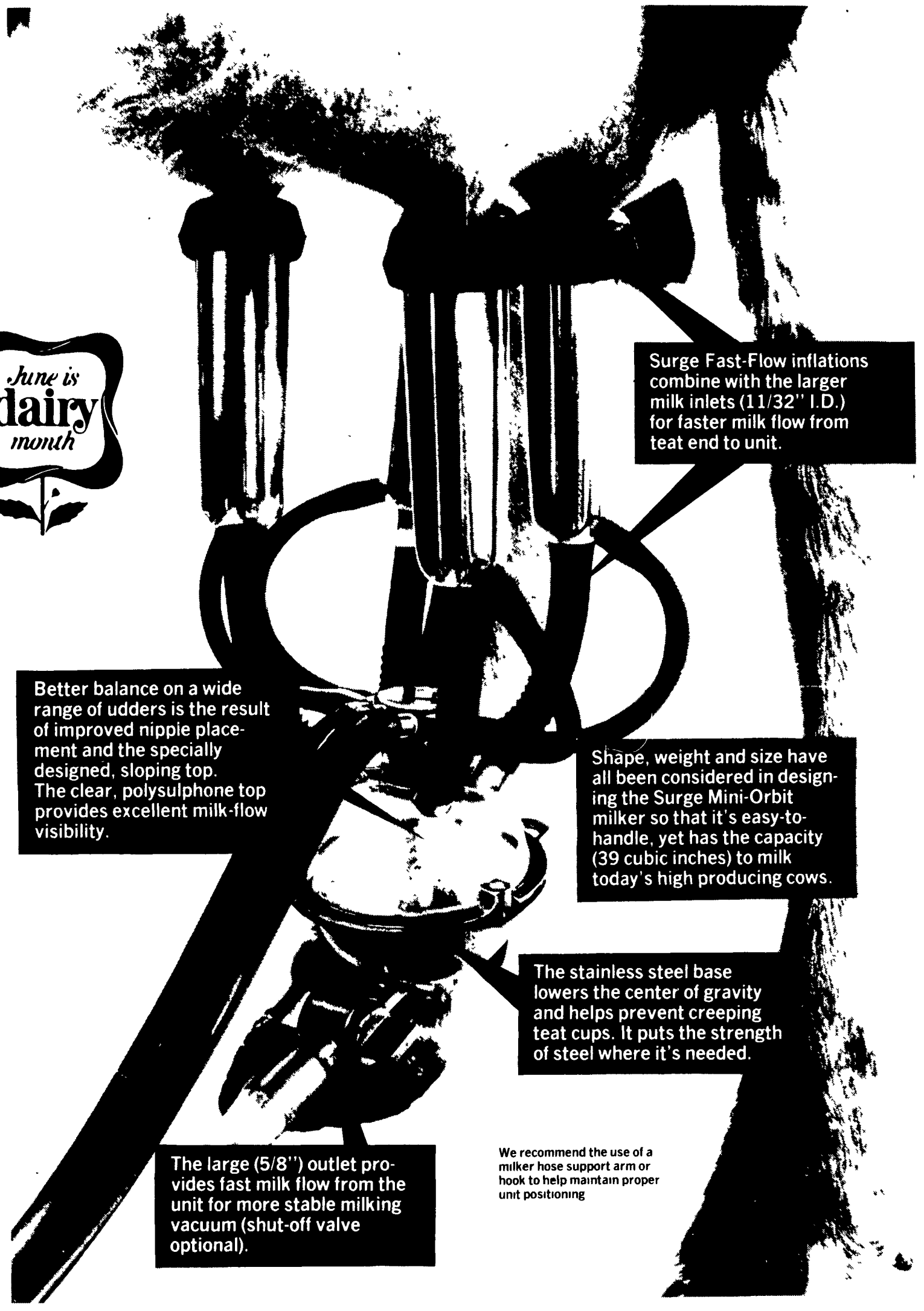
June is dairy month
Surge Fast-Flow inflations combine with the larger milk inlets (11/32" I.D.) for faster milk flow from teat end to unit.
Better balance on a wide range of udders is the result of improved nipple placement and the specially designed, sloping top. The clear, polysulphone top provides excellent milk-flow visibility.
Shape, weight and size have all been considered in designing the Surge Mini-Orbit milker so that it's easy-to-handle, yet has the capacity (39 cubic inches) to milk today's high producing cows.
The stainless steel base lowers the center of gravity and helps prevent creeping teat cups. It puts the strength of steel where it's needed.
The large (5/8") outlet provides fast milk flow from the unit for more stable milking vacuum (shut-off valve optional).
We recommend the use of a milker hose support arm or hook to help maintain proper unit positioning

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4-H horse project offers experience

CHESTER COUNTY — Experience in giving care and sharing love are the long term effects of the 4-H Horse Production project. The objectives of this project are to help 4-H Horse members learn the principles of horse breeding management as they relate to brood mare selection and the development of young horses.

"Usually the 4-H'er or a member of his or her immediate family owns or purchases a broodmare and keeps the animal for several years," said Donna Connell, Chester County extension agent. "Once the brood mare produces, the 4-H member is then given the opportunity to show the offspring in an area production show and then the State 4-H Horse Show."

Under the guidance of family and a local 4-H club leader, the 4-H'er learns the basics of good breeding practices, including feeding, stable management, record keeping and showmanship.

For more information about 4-H Horse Production, call the Chester County Cooperative Extension Service at (215) 696-3500.

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It is designed by the Creator, that is the way it should.
There are millions, maybe billions of worms on an acre.
If the farmer worked in harmony with the Maker,
Then the worms go down and dig real deep
And those holes very much rainfall keep.
And then it doesn't wash so much where the hills are steep
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The chemical farmer has to make those holes,
With expensive fuel while the expensive tractor rolls.
Then next year he needs to do it again,
Because the soil isn't converted, not born again.
Those earthworms and bacteria make the best manure.
And their dead bodies also, because they soon mature.
But they had a tremendous amount of descendants.
And their happy farmer doesn't need any defendants.
Two customer's haylage protein was 27 percent.
That extra would more than pay for the rent.
If you take a pencil and figure it out
It would be very convincing without a doubt.
And in other crops it is also very high
I am saying it seriously, it is not a lie.
And the vegetables are often the market's tops
And it makes disease resistant and very sweep crops.
All these extras and the cost is less,
Because earthworms and bacteria help you out of the chemical mess
They make much fertilizer which is not more than fair.
And they help get much nitrogen and potash from the air
This isn't make believe, it is a fact.
Our customers proved it, his soil didn't lack.
N and K increased considerably but he didn't apply any,
Only our good Rock Phosphate and bacteria a plenty.

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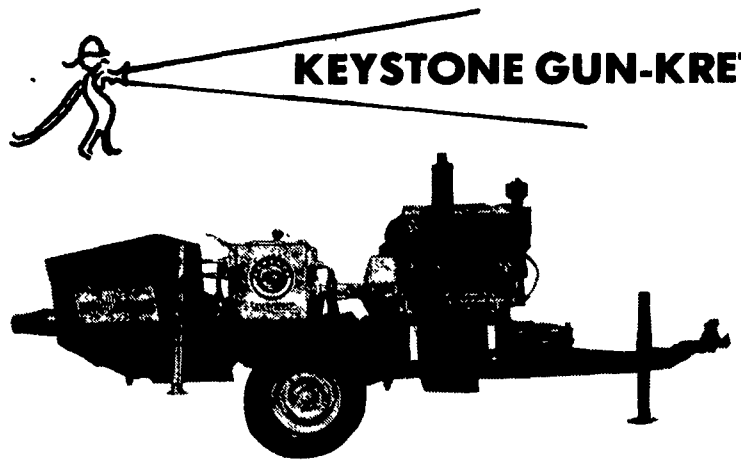

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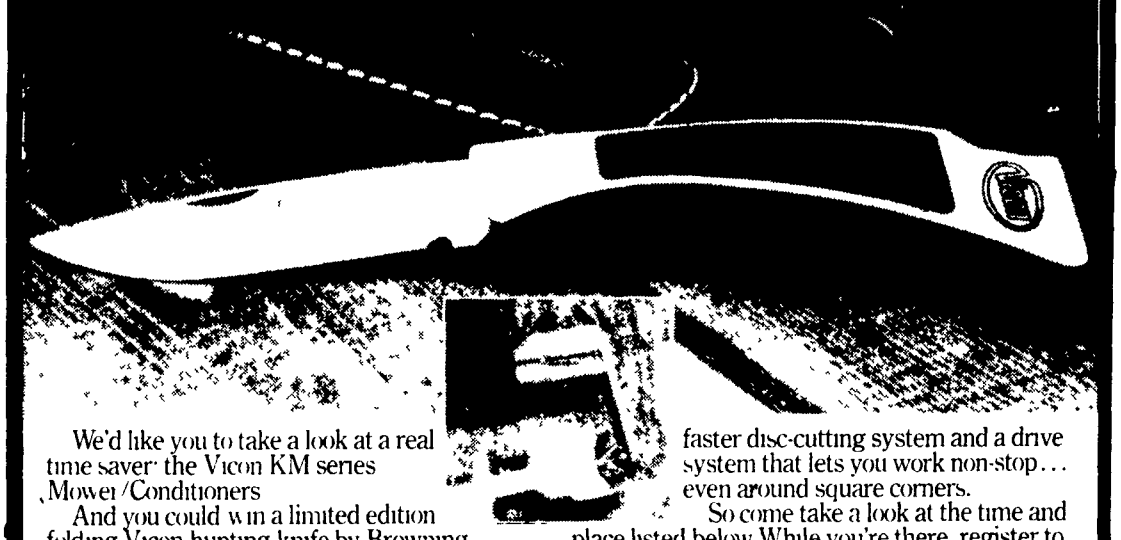

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Warwick FFA'ers in Expo

Members of the Warwick FFA Chapter in Lancaster County participated in an Expo '84 Program at the High School last week. The Expo included an Open House of the vocational study programs at the school, including, the Vo-ag curriculum.

Accompany photos show some of the animals and exhibits featured in the Expo by the FFA'ers.

Matthew Fuhrman, son of Gary Fuhrman, teacher at the school, pets a Brown Swiss calf brought by Dan Martin.

Carlyn Fasnacht demonstrated dog obedience training with one of her Blue Merle collies.

And, Tina Strauss had a pen of lambs.

Others taking part were Alida Farrington, John Spangler, Sean Deemer, Kelly Young, Jim Houser, Tammy Deater, Kelly Eckert, Dave Firestone and Todd Auker, under the direction of Sonia Shaner, vo-ag instructor.

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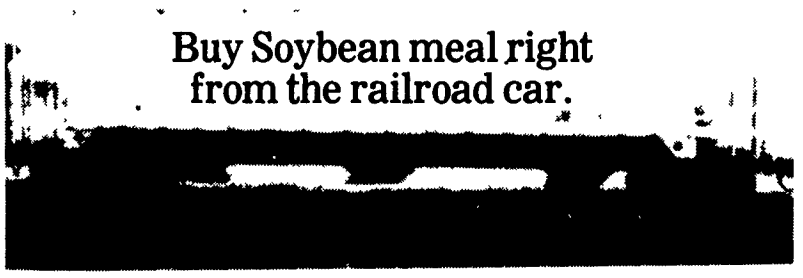

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Lancaster to crown dairy princess June 15

LANCASTER — On June 15 at the Farm and Home Center, Lancaster, one dairy princess' reign will end while another's will begin as Lancaster County crowns its 1984-1985 dairy princess.

Lancaster County Dairy Princess Boni Gochenaur, the daughter of Robert Gochenaur of 419 Penn Grant Street, will crown her successor during the pageant set for Friday, June 15 at 7:30 p.m. Three contestants - Sarah Arrowsmith, Kris Esbenshade and Judy Miller - are vying for this year's title.

Sarah Arrowsmith, 16, the daughter of William and Geraldine Arrowsmith of R1 Peach Bottom, is a junior at Solanco High School where she serves as class president. She is a member of the student senate, the peer counseling group, field hockey and the Kids and Kows 4-H Club. Miss Arrowsmith, whose family raises a 55-head Jersey herd, plans to enter the field of pediatric nursing upon graduating from high school.

Also a junior at Solanco High School, Kris Esbenshade, 17, the daughter of Fred and Nancy Esbenshade of R2 Quarryville, is active in FFA and 4-H organizations. She is a Member of the Solanco FFA chapter and serves as a county officer. She has participated in dairy judging contests and has shown cattle in 4-H round-ups. The Esbenshades own a herd of 69 Ayrshires and Holsteins.

Also competing for the county dairy princess title is Judy Miller, 18, the daughter of Wilbur and Esther Miller of R4 Manheim. A graduate of Manheim Central High School, Miss Miller works at the Clearview Diner and helps on the family farm where a herd of 30 Holsteins is raised. She is a member of the West Green Tree Youth Group.

Pageant activities will get underway at 7 p.m. with a milk punch reception, followed by the pageant at 7:30 p.m. According to Linda Kreider, chairman of the Lancaster County Dairy Promotion Committee, this year's pageant will be different from previous contests in that it is free of charge and is geared towards family participation.

During the pageant ceremonies, which will highlight the theme "Milk's Got More," each contestant will answer an impromptu question and will present a 30-second radio spot commercial promoting milk. The contestants and Miss Gochenaur will participate in a milk toast prior to Miss Gochenaur's farewell speech and the crowning of the new dairy princess.

Following the crowning, an ice cream social will be sponsored by the Dairy Promotion Committee members. Ice cream and toppings have been donated by area businesses which will be represented at the pageant.

All Lancaster County dairymen and friends of the dairy industry are invited to attend the pageant and participate in the county's main June Dairy Month event.

Looking over a scrapbook are this year's Lancaster County Dairy Princess contestants, from left, Judy Miller, Sarah Arrowsmith and Kris Esbenshade.

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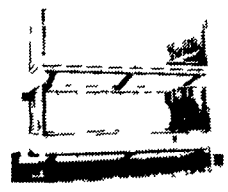
12 - Door - Round 45 Cu. Ft. Cap. Galv. with Galvalume Feed Doors
Reg. Price $329.95
SALE PRICE **$269.95**



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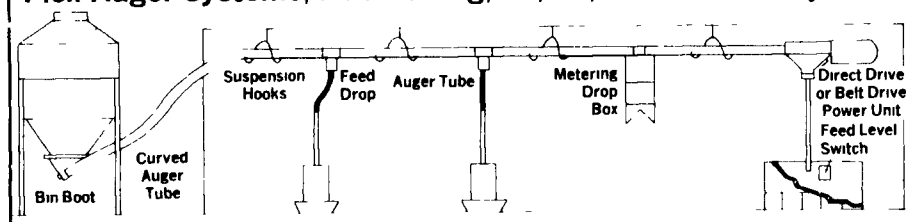

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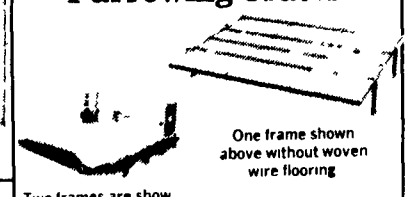
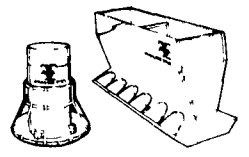


Two frames are show with plastic pans joined together The frame in back has a farrowing crate in position atop the woven wire flooring

One frame shown above without woven wire flooring

Side view of pan showing collars that join adjacent pans

Agstar Stainless Steel Rotary & Fenceline Feeders



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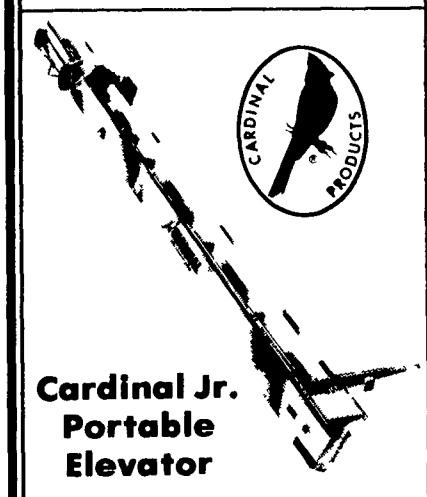

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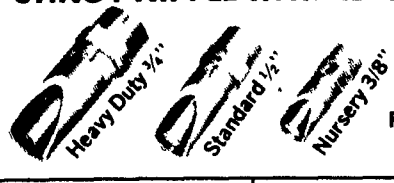

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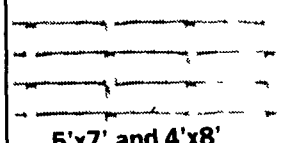

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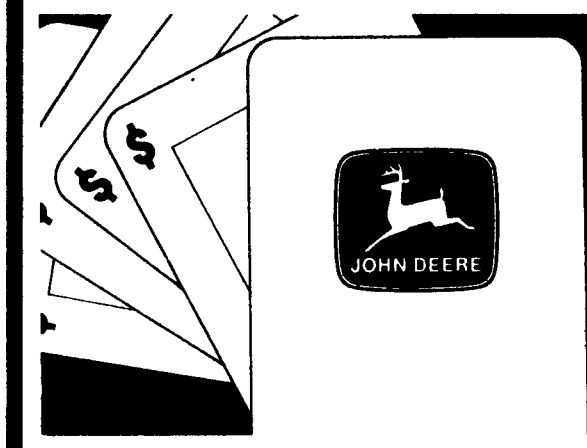
Wescosville, Pa.



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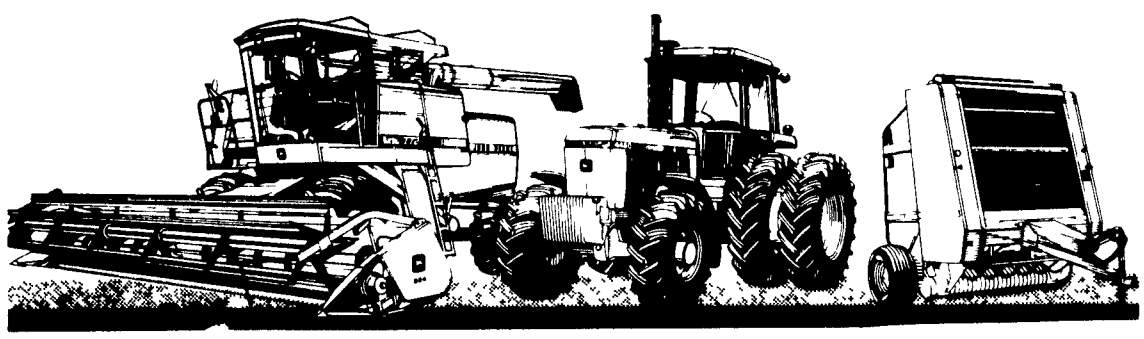

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Growers of same things start unique farm

BY JUDY HULL
Staff Correspondent

LITTLESTOWN — What started out as a mutual interest between two neighbors has grown into one of the most interesting and unique "farms" in the Adams County area. Alloway Gardens and Herb Farm, located on Mud College Road near Littlestown, has attracted media attention from surrounding states and draws visitors from the Baltimore and Washington, D.C. area.

Owned and operated by Barbara Steele and Marlene Lufriu, Alloway Gardens is situated literally in the backyard of Barbara's home. The house dates back to 1859 and supposedly housed Civil War soldiers. Barbara and her husband purchased the property 12 years ago and today in addition to raising Holstein steers, corn, and hay, one acre of herbs is also cultivated.

A solar greenhouse has been constructed on the south side of the tractor shed, a modern day work room was once a harness storing shed, and recently, during the annual "Grand Opening Week," the barn served as a display area for local craftsmen selling their wares.

Barbara describes herself as an "ex-art teacher." Her father owned a small home nursery where he grew azaleas and she worked for some nurserys to earn money through the years. The bulk of her knowledge, however, was gained through teaching herself.

She and her partner got together almost by fate. "Marlene and her family bought the next property and the real estate broker introduced us by saying, 'She (Marlene) grows the same things that you grow.'" Those "things" turned out to be herbs.

Alloway Gardens offers a variety of experiences for anyone who visits there. One unique aspect of the business is that all of the herbs can be found planted somewhere on the property. "I think it is really important for people to come here and see the herbs growing," Barbara says.

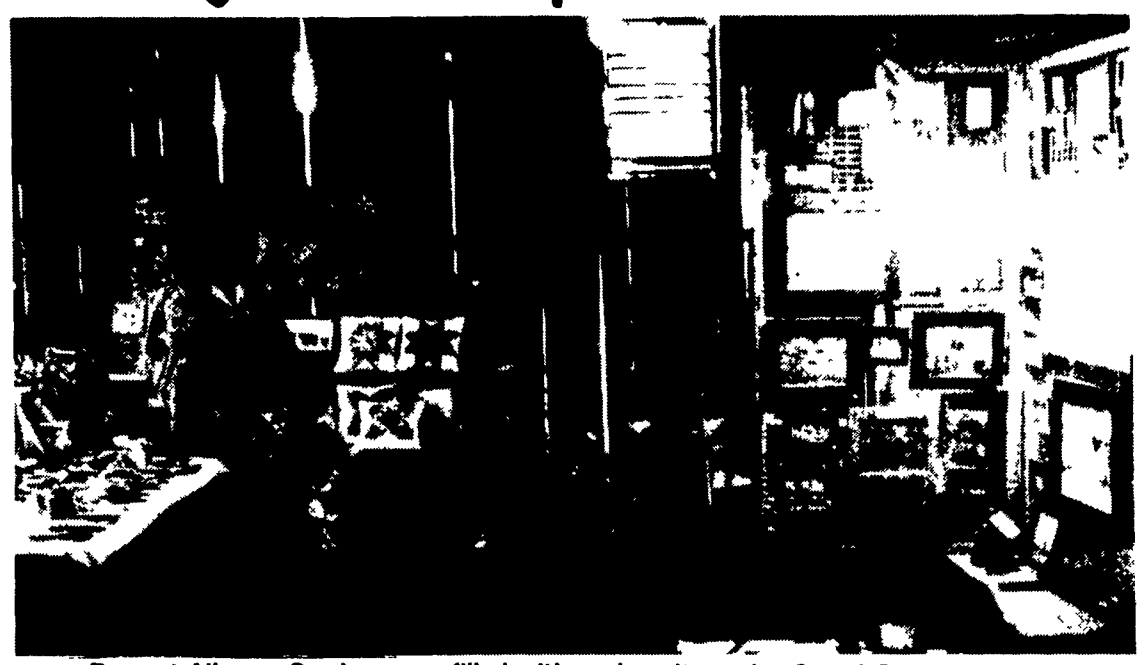
Unlike most garden centers where flowering plants sell themselves because of their obvious beauty, herbs are sometimes insignificant and not very exciting until you point them out, Barbara says. "Some are not really that attractive until they are several years old," she adds.

A dooryard garden located adjacent to the house, beautifully displays herbs and gives visitors the feeling of being in a quaint English garden. Herbs in the dooryard garden are grown in raised beds. Tours of the garden are available and a pamphlet "A Little Garden of Herbs" is available for anyone so inclined to plant their own herb garden.

Herbs are sold singly and in standard market packs. All plants are labelled with a common name and latin name (true herb gardeners know the latin names, Barbara says), what the herb can be used for, and its growing habitat.

Barbara said it has been their experience to find that although many people are curious about herbs, most simply do not know what to do with them. To help solve that problem, pamphlets explaining everything from how to plant a garden, even how to pick the site and prepare the soil, to recipes and harvest techniques are available at Alloway Gardens.

Another unique aspect of the business is the workshops which are offered on a variety of topics.



Barn at Alloway Gardens was filled with various items for Grand Opening Week, including quilts, pottery, tin and folk art paintings.

Basic workshops include "Getting Started With Herbs," "Kitchen Herb Wreath," "Victorian Wreath," and "A Christmas Herbal." Anyone participating in a workshop, they are held periodically throughout the year, is also treated to either a herbal sampler or luncheon. Cost of these is included in workshop fees.

In addition, speciality workshops are also offered. For more in-depth study, you can try "Herb Garden Design," "Seasoning With Herbs," "Potpourri and Sachets," and "Dried Herb and Flower Arranging."

Garden tours and club lectures are also available.

Although they do place pamphlets in local craft shops, they have not advertised in what would seem a most obvious area - nearby Gettysburg.

"We really don't want to become a tourist attraction," Barbara says in defense of this decision, "we want people to remember us for our horticultural practices and herb products."

Barbara says she considers it a challenge to find old varieties of herbs. To do this, seeds are ordered from Canada and England. Additionally, Barbara has been known to stop at old houses, usually where auctions are being held, to try and save old plants which she fears may be destroyed. She will try to identify old plants which are brought to her.

The two partners advocate planting herbs among flowers and vegetables. "Try to grow the herbs to be an asset to the garden," Barbara advises. She goes on to say that herbs can be used to avoid adding salt to foods and certain herbs are known to repell insects while other herbs act as insect attractants.

Using herbs in cooking is the speciality of Marlene. In the Summer Kitchen Shop at Alloway Gardens, visitors find herbal products, crafts and cookbooks, including a book which Barbara and Marlene wrote along with a friend. "When the Dinner Bell Rings" features a collection of recipes gathered by the three women. The book is indexed according to the facilities found at an old time farm. For example, the Springhouse chapter features recipes of dairy products.

Marlene prepares the luncheons which are served to groups desiring to taste herbal cooking, and she preserves jams which are sold in the Summer Kitchen and at a Farmers Market in Carroll County, Maryland.

Barbara says they try to be as organic as possible when growing their herbs. "We find that the plants are healthier if we can get them out of the greenhouse and into cold frames where they harden off. We use no systemic insecticides," she adds.

Although Alloway Gardens is obviously a success, Barbara says she and Marlene really didn't plan for it to grow as quickly and as large as it has. "We just kind of woke up one morning and found ourselves here," she says. "We still have a long way to go and we want to be sure to do an adequate job and not loose the personal touch," she adds.

Anyone desiring to have their name included on Alloway Gardens mailing list to receive a schedule of workshops and events, may do so by writing Alloway Gardens and Herb Farm, 456 Mud College Road, Littlestown, Penna. 17340.

In their cookbook "Thymely Tips", Barbara and Marlene offer the following tips to using herbs:

— Dried and fresh herbs can be interchanged in most recipes. Use twice as much fresh herb as dried.

— Chervil is an excellent replacement for parsley.

— Herb Cream Cheese: to 8 ounces of cream cheese add: 1 tbsp. of parsley and 1 tbsp. dill weed or 1 tbsp. basil and 1 tbsp. fennel weed. Spread on crackers.

— Herb Butter: 1 carton whipped unsalted butter, 8 oz.; ¼ cup fresh chopped herbs (parsley, chives, marjoram and thyme); Mix together, refrigerate several hours before serving.

Visitors can browse through tables of plants displayed outdoors at Alloway Gardens.

Customers are taken on a tour by Marlene of the dooryard garden planted right outside Steele house.

Summer kitchen shop at Alloway Gardens features herbal products, crafts and cookbooks, as displayed by Barbara Steele.

Greenhouse is attached to side of tractor shed at Alloway Gardens. Barbara Steele shows plantings of basil, which, she says, no garden should be without, especially if there are tomatoes planted.

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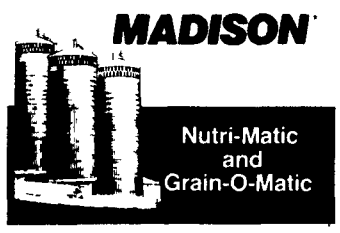

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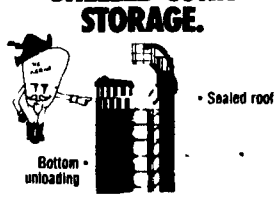

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Pest Control Month

NEWARK, Del. — Besides being a time for romance and weddings, June is National Pest Control Month. Why dedicate one of the loveliest months of the year to pest control operators? Because without them we'd have bats in the belfry, fleas nibbling at our knees, and termites eating us out of house and home. If you don't think good pest control operators are important, ask the people of Hamling what life was like before the Pied Piper arrived.

Even if you've never had trouble with pests, some day roaches could hitchhike into your kitchen on a grocery bag, and you'll need competent, professional help. Unfortunately, the company with the largest ad in the phone book may not be the best, so how do you know whom to call?

The University of Delaware Cooperative Extension Service offers a free list of Delaware Pest Control Association members. This group, now celebrating its 25th anniversary, requires members to subscribe to a strict code of ethics. They also participate in annual continuing education programs taught by the nation's top pest control experts as well as extension entomologists at the university. These educational programs stress accurate pest identification, correct use of pesticides, and environmental safety. Association members are justifiably proud to be among the highly trained pest control operators in the country, says University of Delaware extension entomologist Mark Graustein, technical advisor to the association.

Some members have their own small businesses, while others represent large concerns. Dr. Mark Lacey, a professional entomologist with degrees from the University of Delaware and Cornell University, manages the Wilmington office of a regional company. Like every other member of the association, a typical day might find him checking several homes for termites, spraying a restaurant kitchen to control roaches, and removing wasps from inside a bedroom wall. Sometimes he is called upon to solve a mystery. When custodians of a local school took their new pushbrooms out of a storage building, nothing was left but the wood. The horsehair bristles had been eaten away completely. Lacey quickly recognized the shed skins of carpet beetles, and soon had the situation under control.

High-pressure lifestyle often causes poor diet

UNIVERSITY PARK — Disruptive pressures often keep people from eating vegetables needed for well-balanced nutrition, according to a study within the College of Agriculture at The Pennsylvania State University.

The study featured a random sampling of women ages 20 to 59 in the Northeastern U.S. Economist Robert O. Herrman of Penn State reported that 75 percent of the women surveyed believed their health would suffer if they didn't eat vegetables. But only 15 percent knew that nutritionists recommend eating four or more servings of vegetables and fruit daily. Most women thought the recommendation was less.

The findings were reported during the annual meeting of the Pennsylvania Vegetable Growers Association held recently in Hershey. Cooperating on the project was Rex H. Warland, Penn State rural sociologist.

The Penn State study looked particularly at women in one subgroup who felt they needed to eat more vegetables but were low users. A majority of women in this subgroup felt time pressures were affecting the quality of their diets. Many of the women were young and probably felt under pressure to get their careers off to a good start, Dr. Herrmann noted.

About 40 percent of the women who felt they needed more vegetables, but were low consumers, also were under financial pressure. These women typically were part of small households. They were less frequently married and less frequently had children than other women.

Overall, women lacking vegetables in their meals and who felt they needed more were in situations where irregular and erratic meal patterns were likely to occur. And their somewhat disorganized lifestyle was coupled with a dislike for cooking.

"We need ways to make it easy and less costly for such people to eat more vegetables," Dr. Herrmann declared.

Along this line, he recommended certain marketing strategies based on food costs and time pressures:

1. When produce is prepackaged, offer some small packages to hold down cost and to provide amounts suitable for small households.

2. Offer partly prepared and pretrimmed vegetables to make preparation more convenient.

3. Encourage use of ready-to-eat raw vegetables, thus cutting preparation time and reducing the time of cooking tasks often disliked by women.

"In appealing to low users of vegetable, I don't feel it's useful to put the chief emphasis on nutrition," he commented. "Women who were aware of the amount of vegetables and fruit recommended by nutritionists ate only slightly more than those who were unaware of nutritional needs."

The Penn State economist claimed appeals for women lacking vegetables in their meals should work equally well for other groups. Being rushed affects the quality of diets among many people, he stated.

Evaluate values, then delegate time

DELAWARE COUNTY — Many of us jump from crisis to crisis and never take time to relax. When both parents work, or when one parent is also the only parent, managing time becomes even tougher, partly because there is less time available to manage.

If you are a working parent, remember that your spouse, your children and your job all need part of your time, says Greta C. Vairo, extension home economist with the Penn State Extension Service. To meet these often conflicting demands start by declining what is most important to you and your family.

Set short term daily goals and then longer term goals. These goals should reflect your values. Your daily time use should then be directed toward reaching your goals. The trouble most working parents have is resolving the conflict between goals, values and time use. Taking time to identify your values before setting goals can be time well invested.

Once you've decided on your most important goals, the relative importance of tasks related to those goals becomes clearer. You can decide what must be done first, what can wait and what can be eliminated. Time spent helping a child with homework may be more important than baking a cake. Time to talk with your spouse may be more important than vacuuming the carpets. What's the best use of your time? You must decide, based on what is important to you and your family. Penn State is an affirmative action, equal opportunity university.

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For Sale - Ferguson 3 pt 12" 2 btm plow coulters, new moldboard ex cond $265 00, Chester Co 215-932-3286

For Sale - 20-1 gal mayannaise jars, lids, for honey, pickles, etc, 28-½ gal white plastic containers Chester Co 215 383-5280

Yorkshire Service Age Boars Pseudorabies and Brucellosis free herd Red Run Farm, Joel Stern, R2, East Berlin, Pa 17316, York Co 717-292-4634

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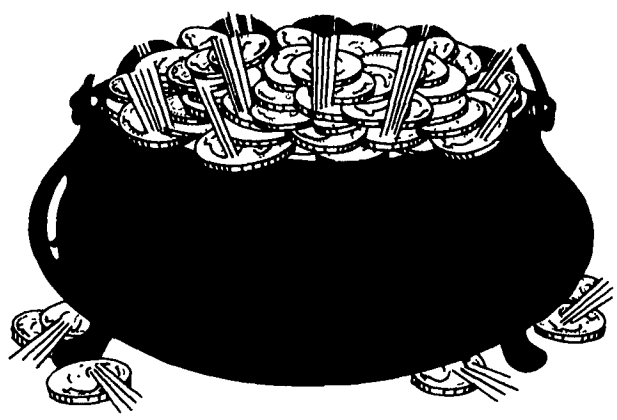

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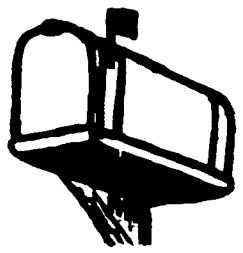

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MAILBOX MARKET

For Sale All size silo roofs at reduced cost, 717-687 6672 or 768-3095 Lanc Co

Wanted to Rent Farmland in Berks, Lehigh or surrounding area Top prices paid, 215 756 6269

For Sale Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines Willow Glenn Farms, Rd 2, Strasburg, Pa 717 786 2562

Fine Selection of pleasure Tennessee walking horses, $800-$1800, quality yearling and weanling colts At Stud Senator's Thunder, black and beautiful 215 267 7311

For Sale 12 ton feed bin for sale $500 717 529 2512

For Sale or Trade 4 horse gooseneck trailer $2200 will trade on livestock trailer pleasure horse $500 Leb Co 717 933-4062

For Sale 6 row cultivator JD reasonable Kent Co, Md 301 778 5335

For Sale Wheel horse D 250 tractor, 20 HP w/60" belly mower, PA blade front end loader available 814 364 9333 or 814 238 4957

For Sale 50-8' metal hen feeders $5 ea 5 old tyle kerosene heaters, $25 ea York Co, 717-755-9418

For Sale 5660 Gravely conv garden tractor, 12 hp, w/40" mower & rotary cultivator $2000 Carbon Co, 717-427-4053

For Sale 4 goat kids 4 wks old $15 00 ea Wanted acetylene cutting torch outfit Lanc Co Pa 215-267-2453

For Sale - 500 25 lb tomato boxes good cond, 30 cents ea Lanc Co 215-445-6067

For Sale AKC Reg Irish Setter pups, 6 wks, shots, males & females, color mahogany, Lanc Co 717 786-1997

For Sale - Fitted to three walls w/stove & fridge space at each end Refinished maple stained 717 532-3055

For Sale - JD 14T baler & NH 5 bar rake, working cond, after 5 p m or weekend Kent Co, 301-639-7474

For Sale - 2 seated Mennonite carriage, steel tires in fair cond, Aaron Zimmerman Martinsburg, Pa Blair Co, 814-793 3961

MAILBOX MARKET

For Sale AC HD 3 1965 gas loader on track $5000 00, Case tractor 1953 orchard model, Morris Co, N J 201-838 5028

For Sale JD mower anvil & set v g cond, $30 Hunterdon Co, N J (609) 397 2569

For Sale NH 66 baler, cunningham crimper, both in working order $50 ea Lanc Co 717-684 8663

For Sale 2 wheel trailer tilt body 18" sides elec brakes extra wheel 3000 lb gross - $800 00 Chester Co 215-495-6160

For Sale - Belt pulley attachment for Farmall cub $50 00, Steel wheels for AC B or C $50 00, (717) 547 2275

For Sale - 1-27 ft long & 10" manure auger used 3 seasons, price $750 00, 717-354-4158

For Sale Set of three house trailor axles w/electric brakes Ontario 17 disk grain drill on rubber, Chester Co 215-932-2767

For Sale - Industrial sewing machines, Singer, single or double needle, table, 3-phase motor, $100 ea, Need work York Co, 717 292 3294

For Sale Showy Black & white 8 yr POA mare 13 1 rides & drives $600 Cumb Co 717 776 3319

For Sale 400 amp portable welder driven by gas engine, on a heavy duty trailer, $750 Berks Co 215-488-6081

For Sale Parts from 1010 JD crawler loader, trans, final drive, track & rolers Robert Roshon, Danville, Pa 717 672 2021

For Sale - Beautiful 56 acre farm in Dau Co Elizabethville area, buildings in exc cond 717 362 8935 ask for Ronald

For Sale 8N new cyl pistous, valves, paint orig colors, lights, tires 50% extras avail $2000 York Co 717 632-7100

For Sale Wood shaving 4 cubic bag, clean $2 75/bale 717 768 8839

For Sale Farmall H w/cultivators, Joy Rider seat, & 2 way hyd system $1000 Lycoming Co 717-546-5676

For Sale 400 Farmall gas, PS TA FH w/IH #311 plow, both in exc cond $3650 neg Leb Co 717 469 2138

For Sale Int harvestor #37, 10½' transport disc, 28 disc like new kept under cover, Cecil Co Md 301 398 9550

For Sale NH 38 flail chopper, exc cond 2 yrs old 42x14 A O Smith Slurry store Howard Co 301 489-4995

For Sale JD Model #148 front end loader w/6' bucket, also JD #400 grinder mixer Somerset Co, 814 324 4596

For Sale - 6 wk old border collie puppies Purebred No papers Very cute! $35 00, Gap Rd 215 593-2897

Wanted Cash for all types feathered poultry guineas, ducks, silkies, chuckers, pegions, ect Harford Co, 301 734 7856

For Sale RABBITS - Pedigreed Mini Lop, French Lop, New Zealand Commercial Breeding Stock, Lost Valley Rabbitry, Richfield, Snyder Co, 717-694 3046

For Sale NI #752 Hay conditioner, NI transplanter ready for field, 200 gal fibre glass field sprayer, Perry Co 717 789-4569

For Sale 3 pt 4 row JD cultivators, good 12' truck bed w/hoist 14' truck bed, North'd Co 717 758-3901

For Sale AC 5 combine, PTO w/bin Farmec grain & hay elevator, 1 HP motor, JD corn planter Sch Co, 1-215-562-8865

MAILBOX MARKET

Wanted 32 or 36' skeleton hay elevator Levi S Zook, R#1, Box 133, Quarryville, Pa 17566

For Sale Newborn Moscovy ducklings $1 each Joseph B Esh, #1, Box 156E Umble Rd Atglen, Pa 19310

Wanted - Teenage boy to pick staked tomotoes 2 3 days a week starting July Millersville area 717-872-2596

For Sale 46 acres private, secluded, 2 story home 90% completed $65,000 Lehigh Co 215 756-6793

For Sale - 23' Prowler RV self contain like new A1, Cumberland Co 717-776-5886 before 2 p m

For Sale - New Osborn sickle bar mowing machine $75 Lehigh Co 215-967-1012

For Sale McCormick Deering 8' grain binder $400 Henry Esh Jr Route 1, Box 144, Strasburg, Pa 17579, Lanc Co

For Sale - Used J D W S224 wire baler, good cond $1200 Bucks Co 215 257 2377

Wanted - JD 40 or 420 crawler load, condition not important if fixable For Sale 1600 IHT truck Chester Co 215-458 8433

For Sale JD rotery hoe 4 row pull type $125 Chester Co 215 932 8208

For Sale 1977 Ford Granada 54,000 mi AM/FM stero, 302 auto silver w/maroon vinyl top Berks Co 488-7422 after 5 p m

For Sale 510 MF combine w/14' quik tach grain table, exc cond $9995/best offer, Northampton Co 215 252 1344

For Sale 1969 Pontiac cov dark blue w/white top 2nd owner, driven daily $1800 Dauphin Co 717 362-8795

Wanted Couple to live in 2 room cabin, have your own garden, animals and part time work on farm 717 754 4661

For Sale D6 Caterpillar 5R Model, 10' hyd blade, used on farm, good running cond Bedford Co 814 652-2066

For Sale AC G tires, plows (Woods) mower, sicklebar mower & cultivator AC B w/plow Clearfield Co 814 342 4917

Wanted Pocket tobacco tins by collector The Tin Man RR2, Box 29 Millerton, NY 12546

For Sale Strawberries we pick, or you pick, Wed & Fri Orders taken Michael Lapp, Springville Rd Quarryville #3 Lanc Co

For Sale 2½" irrigation pump w/rebuilt Wisc engine on trailer $500 Mechanical transplanter pot planter, $850 Northern Va 703 882 3996

Wanted Bee swarms in the Lanc Co area 717 464 4114

Wanted 38" centers for Case 1070 rear wheels or will trade 34" centers Lanc Co 717 733-3283

For Sale 32" cider press w/3000 lbs of pressure Abram F Ebersol, 1607 Mine Rd, Lanc Co Paradise, Pa 17562

Fox Terrier stud service 717-354-7186

For Sale- Peafowl, 6 cocks, 1978 hatch $50 each, also 1979 chicks, $10 and up, Westminster, MD 301 876 1235

For Sale Reg Angus bulls and heifers, Orange Gate Angus Farm, Maurertown, VA 22644, 703-459-3414

Used Bee Equipment, Inverbrook Apiaries, R D #2 Box 230, West Grove, Pa 19390, 215 869 3353

Build your own pig feeders for under $10 100# capacity Easy plans, $2 00 Rt 1, Box 742, Mardela MD 21837

MAILBOX MARKET

For Sale AKC collie pups friendly, born May 6 Jacob M Fisher, RD 2 Box 16 Christiana, Pa Lower Valley Rd

For Sale Very good IH 1600 w/13 + ft dump, $2850 22 ft diamond plate bed $750, Bradford Co, 717 364-5318

For Sale Reg Quarter horse gelding, 10 yrs old, Sorrell 14 1 hands, good trail horse, $900 Perry Co 717-567-9773

Wanted Direct cut head for Inter 15, 16 or 350 harvestor Wanted - AKC Shik Tza dogs for breeders Cumber Co 717-776-7636

For Sale - MF 650, 38" PTO Rotary tiller Will fit MF 10 or MF 12 Garden tractor Juniata Co 717 694-3923

For Sale - JD 4030 in good cond, & good tires, 18-4-38 Fulton Co 717 485-5593

For Sale - 27 Grade Holstein dairy, blood & pregnancy tested ready to move Lyc Co 717-998 2057

For Sale - Blazer 78 6 cyl 3 sp, hurst, 8 white wheels, 92,000 mi $4995 00, Chester Co 215-495 7372 after 5 30

For Sale - H tractor, good cond, good rubber #800, Int truck, 1700, good 14' grain body, So York Co 717-382 4663

For Sale 3300 gal Heil Stainless steel water trailer w/water pump & gas motor Leh Co 215 285 6453

For Sale 8 6"x8" oak beams, straight, 9' long York Co 717-755 5035

For Sale Used calf shelter for 4 Not used much Lanc Co 717 354 0702

For Sale Avco NI blower mechanical transplanter 1 row pull type, 2 JD chuck wagon, 225 & 216 York Co 717 637 8172

For Sale - Wide Front End for Farmall C, Super C, 200, 230, 240, 340, 404 or 504 201 948 4565

For Sale #10 MF baler w/bale thrower, $450 00 Berks Co (215) 682 2624

For Sale Monarch kitchen range in good cond, Rufus H Shirk along 322 R#1 East Earl Pa Lanc Co

For Sale 3 Btr w/roof Dion wagon 10 ton, 60 Dion blower, Joel Steigman RD 1 Box 660 Halifax, Pa 17032

For Sale 2 Holstein Jersey heifers good for family cows Currently milked by hand Call after 4 p m 215 562 8347

For Sale Model D2730 2" filter eeze, sow slate (new) 25% off Aaron E Lapp 473 Centerville Rd, Gordonville, Pa Lanc Co

For Sale Farmall cub tractor w/mounted sickle bar mower, started, lights, hydraulic lift & wheel weights $1,850 00, Lanc Co 717 656 6644

For Sale 200 A hay in field also pasture for rent Potter Co Make offer 215 445-6453

For Sale - 1¾ HP Jargen engine 4 Hp friend Both have Wico mags & run well $700 00, Lacka Co 717 563-2257

Wanted - Gas refrig in good cond w/large freezer space, 215 267-2251

For Sale 30x36 wire rabbits pens w/feeders, 1 or 20, 717 244-8748 or 755-8635

For Sale Cattle shute for sale good shape on skids, 717-653-5807

For Sale 120 Ac Livestove beef farm yr round strong flowing spring w/pond Lower North'd Co 717 737 8000 or 717-758-6221

For Sale Z Springing Reg Holstein cows, June 10, Reg Angus bull cows, calves, Angus cross cows, Bedford Co, 814 733-4404

MAILBOX MARKET

MINI LOP RABBITS with papers $25 00 Very Loveable pets NZW Rabbits with papers, $10 00 Cecil Co, Md 301-885 2134

For Sale- Outside calf hutches, $75 each, David B Stoltzfus, Rd 2, Box 282B, Nottingham, PA, take Brown Rd at Little Britian, second road right

For Sale- Spring wagons & buggies & horse related items 301-398-5696 after 7 30 P M

For Sale - Heavy duty trailer, 4 wheels 7½'x16' long, canvas jeep top Wanted 1936 Ford 2 door sedan Montg Co 215-933-2469

For Sale - Purebred Saanen doe kids 3 mo old, 1 choice buck kid ready for fall breeding, Montgo Co, 215-323 0816

For Sale - Pony gelding 13 2 h, winning show pony, pd $1500, sacrifice for $800, Chester Co, 215-932-4728

For Sale NH 273 baler w/or without thrower, good cond, Salem Co, 609-358-3923

For Sale Blizzard en silage grinder/blower on steel 30 large steel wheels & pullys, old cleat trac tractor Dau Co, 717 545 9289

For Sale One used western Saddle good cond, price $65 Lanc Co 215 445 4617

For Sale 3500 Bu of shelled corn 1983 crop, state your price Union Co 717 524 2410

For Sale Good quality mixed hay in 5 ft round bales, also oat straw in sq bales, Westmoreland Co 412 235 2319

For Sale 8 ft cut Mc Cormick Deering binder 6000 gal drum for gas or water York Co, 717 938 2372 call eves

For Sale 12x40 Marietta silo dismantled good cond, $800 00 Ammon J Yoder RD 1 Box 212 Hartley Del 19953 Kent Co

For Sale 2 yr App gelding, green broke should grow 15 2h, 1 yr app gelding, York Co, 717 423-9056 or 717 732 5701

For Sale MF 124 haybaler, MF 275 tractor, both good cond, Perry Co, 717-444 3066

For Sale Purebred Suffolk sheep, ex stock, worming & vaccination program, suffolk ram, proven breeder York Co, 717 292-6435 or 717 259 0681

For Sale 1925 Model claw ft, cast iron bath tub white ex cond, Leb Co 717 964 2341 best offer

For Sale Rope halters for cattle, made to order 717-898 7020 Lanc Co Pa

Wanted New or used storm front market wagon, and/or spring wagon, state price and condition, all replies answered, T Holliday, Rt 4, Box 244 Waynesboro, TN 38485

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay Call before 7 a m or after 7 p m 201 735-8389 or 201 735 4408, days 201 735-8865

For Sale 1600 gal fuel oil tank truck body 215-345 1909 after 7, Bucks Co

For Sale Charolais Bulls&heifers purebred, reg stock, good bloodlines Salem Co, N J 609 358-8507

For Sale 469 MH Haybine $2400 00, 68 MH baler 1200 00, both in good cond, Car Co 717 386 5678

For Sale 2 tractors Cockshutte #30 Massey Harris 10/Jr, both run good $550 00 ea Berks Co (215) 488 7383

For Sale Two Harder silos w/tripods 12x40 $500, 14x40-$800, one Badger unloader, Wayne Co 717-253-2063

MAILBOX MARKET

For Sale - 78 Chevy half ton Silverado pickup V8 automatic, four row JD rear mounted cultivator, Leb Co 717-866-7213

For Sale Silo staves & door frames, new Fickes type, Lanc Co 215-445 7307

For Sale 150 bu clean heavy noble oats Col Co 717-799-5337

For Sale - 1469 self propelled haybine w/Wisconsin motor, avg cond, $2,800 No Sunday calls Lanc Co, 717 786-3782

For Sale Used undercarriage parts for 850 Case 50 gal steel drums, old steel wheel hay rake, Perry Co, 717-582-4898

Wanted - Cream separator in good working cond, Carroll Co, 301-775-7324

For Sale 1953 Desoto ex for restoring $150 Centre Co 814-237-4608

For Sale GOATS Purebred Nubian Buck, born 12/83, Longman line, $75 00 American Doe, $50 00 Lost Valley Farm, Snyder Co, 717 694-3046

For Sale - Family cows two young Reg Jersey also quilts, 717-642-8221

Wanted by Collector Old photographs, albums, labels, store catalogues, etc Anything old on paper! Please call! Lanc 717 560-0639 eves

For Sale Lathe $400 8" arm saw $200, Belt sander, $350 Luke B Stauffer RD 2 Box 144J1 Leonardtown, Md 20650

For Sale 1200 bu speedy wire corn crib, good cond, $200 plus delivery, Warren Co 201 852 0176

MAILBOX MARKET

For Sale - 6 ft Kingcutter rotary mower, 3 pt real good $300 Franklin Co 717-349-2664

For Sale 1974 Flatbed 45' trailer w/removable high sides & tarp aluminum sides & floor lightweight good cond, 717-532-2268

For Sale - Country home 9 room rancher oil hot water heat, 2 car garage - shop - Fulton Co 717 987-3828 or 717-485 3275

For Sale - Pittsburgh Plow 4 btm, 14 in semi-mounted $500 00, Col Co 717-925-2738 after 4 00 p m

For Sale - David Bradley tractor plow, discs, wheel weights, $400 00, Dau Co, 717 599-5884

For Sale - 120' ridgid plastic pipe, 1¼' & 1", new in 20' pieces 60 cents & 50 cents/ft Perry Co, 717-834-3882

For Sale Insulated (produce) aluminum truck body 8'x8'x15' Floor like new, ex cond, swinging doors $750 Franklin Co 717-532-4223

For Sale 5 yr old Reg Appaloosa mare 15 2 hands Western or English, pleasure or breeding, $2500 00, Berks Co (215) 926-1334

For Sale 4000 Ft Rock Pak, 1" to 1¼" Also Cherry & Poplar 717 776 3239 after 5 p m

For Sale 1972 IH Loadstar 2000 twin screw road tractor, 6-71 Detroit diesel 13 speed power divider Leb Co 717 273 5231

For Sale 1978 cattle truck, 21' alum Edin body C 65 series, 366 engine, 5 speed trans, 2 speed axel $12,000 301 838 8143

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MAILBOX MARKET

For Sale Surge 75 plus vacuum pump, new regulator, serviced & in ex cond, Lanc Co 717 733-0873

For Sale Yearling gray work horse First calf guernsey cow Harvex Hoover First Farm East Main St Terre Hill, Pa

For Sale - 3 Boudman new pals milker units Blair Co, 814-793-3956

For Sale - Black Wilson soybeans, for hay, Salem Co 609-935-8584

Wanted - Outside toilet in useable cond, Leh Co, 215-767-6048

For Sale - 2 black ponies 4 & 8 yr olds broke to ride & drive, 1 sorrel pony 717-263-0676.

For Sale - 6" transport auger about 20' w/electric motor, 2 ton feed cart w/unloadiong auger 717 872-5841

Farmall Super A w/cultivators, good rubber, must sell, Established Bee colonies $110-$140 each Lanc Co 717-665-9351

For Sale Cheviot spring lambs $60, will deliver locally 717-626 6802

For Sale Reg Polled Hereford Bull, Penn State performance tested, Enforcer breeding 55 cents/lb Reg Polled Hereford Yearling Heifers 717-866-4185 or 215-589-2966

For Sale - 30' building trusses, also 12 ton feed bin Dale Greiner, RD4, Box 322-D, Manheim, Pa 17545

For Sale Tobacco lath, will deliver Lanc Co 717-665-4743

TRUCKS & TRAILERS

For Sale - Roll Back and Grain Dumps, 1 ton through tandem, 45 ft. and 48 ft. roll back and combine trailers, expandable sides. All priced to sell. 814-623-9696.

1977 IH 1800, 446 engine, 12,000 front axle, 23,000 rear, 33,000 GVW, 5 speed, 2 speed rear, 15,000 original mi/owner. Truck on farm, like new. 215-678-9717.

1970 Gas International 210, live tandem axle with 20' steel flat dump. 301-775-2562.

TRUCKS & TRAILERS

1969 Alabama trailer with sides for grain. 40 ft. slider needs deck repair and paint, $4200, 301-452-5801.

For Sale - Ford Econoline cattle truck, 10' bed, V-8, automatic transmission, 4 new tires, $850. 717-865-3488.

For Sale - Ford C-700 cattle truck with 20' bed. V-8, 5 speed with overdrive, 2 speed rears, good condition, $3,850. 717-865-3488.

8-10 ton bulk feed truck, 1972 GMC in good condition. Blower newly rebuilt. Hoist is also in good shape; 1970 Chevy truck, flat bed with sides. Runs well. Anyone interested should call Tim between 8 AM & 5 PM. 717-386-5777.

1977 International tractor trailer 350 diesel sleeper and 40' reefer, excellent condition. Ready to go. $1900. 215-837-6606 or 215-837-7516.

1980 Chevrolet Step Van - aluminum body, engine and electric unit, like new, $14,000. 215-723-7158.

'82 GMC C30 6.2 diesel, automatic, PS, PB, radio, 12' aluminum cattle body. New Holland Ford. 717-354-4901.

'81 Chevy, heavy duty, ¾ ton pickup, 350 4 speed, PB, PS, AM/FM, 8600 GVW, regular gas, $5,450. 717-733-2873.

'82 Chevy C10 6.2 diesel 4 WD pickup, 3 speed, overdrive, PS, PB, AM/FM, radial tires, $7,950. 717-733-2873.

'82 Chevy C10 ½ ton pickup, 6 cylinder, 3 speed, AM/FM, 40,000 miles, $5,150. 717-733-2873.

'83 Ford Explorer F 150 ½ ton pickup 300 6 cylinder, 3 speed w/overdrive, PB, PS, 2,000 miles, like new, $7,500. 717-733-2873.

1979 aluminum dump trailer, 24', like new condition, $6,500. 215-857-3460.

1979 Ford Bronco 351 eng., 4x4 L/O hubs, AT, air cond., AM-FM, trans. cooler, excellent condition, 101,000 miles, $6,500. 717-866-4185.

For Sale - Cattle racks for 16' Omaha Standard Box includes rear tailgate. 717-398-1854.

TRUCKS & TRAILERS

Dump Trailer Morgan 1972, 29 ft., new rubber, new brakes, nice. 717-548-2561.

1973 Ford Dump Truck, F-600, 361, V-8, 26,000 GVW. Phone 717-494-1626 after 5 PM.

FOR SALE - 1971 Morgan 28' dump trailer; 1973 40' flat trailer w/grain sides. 301-778-0935.

WANTED - Ford cabover for C 750 1970 or anything that will fit. Northumberland Co. 717-425-2317.

For Sale - 1974 Ford Pick Up Truck F250. ¾ ton with ladder rack. Christian King, RD 3 Box 152, Quarryville, PA. 17566.

3 Fruehauf flat trailers with 8' bulk heads. Suitable for hauling hay and straw - 1964, 38' long; 1962, 40' long; 1968 43' long. 717-285-3628 or 285-5298 after 6 PM.

FOR SALE - 1974 IH Cab-Over diesel truck tractor in good condition, air, newly painted. Lycoming Co. Price Negotiable. 717-546-5981.

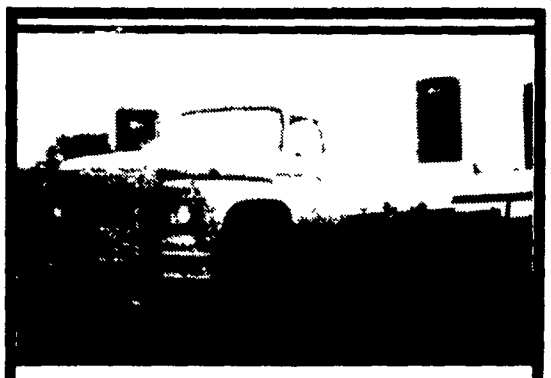
TRUCKS & TRAILERS

FOR SALE - 1972 Chevy C-50, 18' flatbed, good condition. 1962 International 10' dump set of three house trailer axles with electric brakes. Chester Co. 215-932-2767.

TRUCKS & TRAILERS

FOR SALE - 1974 28' Gilmore aluminum dump trailer. 60" sides, Neway suspension, 50% tread on tires, 2 tarps included. Match units, in good condition. Call 717-627-0942.

TRUCKS & TRAILERS



Ford F 850 all wheel drive, Tandem, Cab & Chassis, 18 ft. double frame, 13 ft. Cab to axle. $5500.

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TRUCKS & TRAILERS

NOTICE
SALE OF SALVAGE VEHICLES

by the United States Department of Agriculture
Soil Conservation Service

Sealed quotations will be received at the Soil Conservation Service office located at 1725 Markley Street Norristown, PA 19401, until 1 00 p m, June 11, 1984 for the sale of the vehicles listed below

Item No.	Serial No.	Type
1	58-M17 680	Trailer, Mobile Field Office

Year	Condition
1958	Poor

Vehicle will be sold "AS IS" Terms of the sale are certified check or money order in the full amount quoted made payable to the USDA Soil Conservation Service, within 10 days of the date of bid opening Vehicles are to be removed from the place of sale within 15 days after notification of award Inspection of vehicle will be June 7 and June 8, 1984 between the hours of 10 00 a m and 2 00 p m, you must contact Edward Brzostek at 215-279 1178 for further instructions Quotation forms can be picked up at the address listed above

1976 D100 Pick-up 6 automatic, 46,000 original miles.
1983 Dodge 400 2 door, front wheel drive, 19,000 miles, one owner, with air, 5 speed.
1977 Volari 2 door, 6 cyl. w/air, SPECIAL $1995.
1978 Dodge club cab, 4WD w/cap & insert, automatic, power steering, power brakes.
1979 B-100 Sportsman, one owner, 6 cylinder, green.
(2) 1983 Aries 4 door w/air, low miles.
1978 W150 4x4 regular cap.

PETTICOFFER DODGE, INC.
Route 230 East Next to Shopping Center
Elizabethtown, PA
PHONE 717-367-1808

84 Chevy Scottsdale C30 Dual wheel pickup 454, 4-speed, PS, PB, Air, Dual tanks, Goose Neck Hook Up, 4,000 Miles $12,700

83 Ford F350 Dual Wheel Pickup 460 4-Speed PS, PB, Air, Radial Tires, 8,000 Miles. Both Like New $12,600

A & J AUTO SALES
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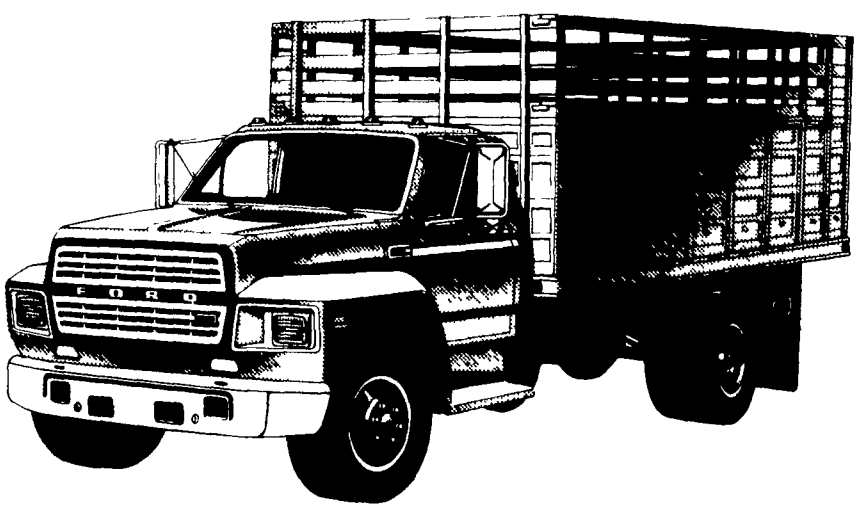
WOLF FORD TRUCK CENTER

NEW FORD F-8000 "ECONOMY 200s" CAN SAVE THOUSANDS IN FUEL COSTS ALONE...



F-Series Diesel With Farm Body

up to $17,000* ON THE HIGHWAY!

In actual on-highway and pickup and delivery tests, the new F-8000 'Economy 200" demonstrated from 11% to 19% better fuel economy* than competition And when these tested figures are applied to typical highway driving mileage your estimated fuel savings could add up to $17 000*

up to $8,500* IN THE CITY!

On city pickup and delivery type runs, tests again proved Ford Trucks used less fuel A possible estimated savings of up to $8,500*

F-8000 "ECONOMY 200"
- **NEW 200 hp. @ 2,000 rpm. CAT 3208T ENGINE**
- **ECONOMY MATCHED SPICER POWERTRAIN**
- **MICHELIN RADIALS**
- **FORD TRUCK QUALITY & VALUE**

*Fuel cost savings based on seven year truck life at $1 35 per gallon 75 000 highway miles per year (35 000 miles yearly in the city) and ATA/SAE type II fuel testing measuring fuel economy of Ford and comparable competitive trucks Improvement varies depending on use

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TRUCKS & TRAILERS

NEED CASH? We buy unwanted trucks and parts, scrap aluminum of any kind. Wrecked dumps, vans, flats, tank trailers, etc. Call 215-944-9871 (evenings).

For Sale - 2 1976 45' Budd dry freight vans. Fixed tandem 11x24.5 Budd wheels, $4250 each. Call 215-948-7900. Ask for Dave Skipper or Rhonda Bertolet.

For Sale - Ford F800 dump truck, $950. 215-646-9057 or 215-542-7980.

For Sale

100 10x22 5 rib design and lug design tubeless truck tires Brand new Also used 10x22 5 rims These tires fit straight trucks and class 6 vehicles Equivalent to tube type tires 9 00x20

Call for quantity pricing

215-948-7900

ask for Dave Skipper or Rhonda Bertolet

REAL ESTATE

Wanted To Rent - Small Dairy with cows and equipment Mennonite area. Ralph Todd, RD 3, Box 81, Elmer, NJ. 609-358-8443.

22.9144 acres at major expressway interchange (US 22-322 and PA. Rt. 75). Zoned commercial. Excellent site for motel, restaurant, truck terminal, factory, etc. Contact executor/trust Dept., First National Bank, Mifflintown, PA. 17059. 717-436-2144.

TRUCKS & TRAILERS

'54 Chevrolet 60 series Truck, very good 6 cubic yards dump bed, heavy duty hoist used for hauling semi liquids, good running condition, $1,250. 717-483-6475.

For Sale - T-800 tandem axle. Ford truck with Midwest grain dump body. 215-489-7831.

Blazer 1978, new paint, new brakes, 6 cyl., three speed hurst, dependable, good mpg., 92,000 miles, $4695. 215-495-7372.

REAL ESTATE

95 Acre Farm - 50 tillable Rest woodland, mountain and well water, 10 miles North of Lewistown. 717-543-5805.

UNION COUNTY - Your own private world! 189.17 acres of woodland in Lewis & Limestone Twps. Is subdivided into 6 lots. Land lays between Penns Creek & Bald Eagle State Forests. $79,900.

LANCASTER COUNTY - 81.7 acre farm currently engaged in general operations. Absolutely gorgeous 2-story stone home w/4 bedrooms, modern kitchen & bath. Barn, tobacco shed & other outbuildings all in excellent condition. $475,000.

LANCASTER COUNTY - 29 acre farm. General, beef, produce & horse operations. Very nice 2-story stone home with 3 bedrooms. Barn & shop now used for a business. Several other buildings also included. $175,000.

GEO. WOLF & ASSOCIATES, INC.
859-2001 or 299-0357

TRUCKS & TRAILERS

REAL ESTATE

Farm For Rent - Immediate occupancy, can be set up for dairy or sheep 814-698-2400. R.D. 1, Box 180, Shinglehouse, PA. 16748.

Madison Virginia Properties - 21 acre Vegetable Farm Greenhouse shops, Cape Cod Home. Farms, Homes, Commercial properties, Beef & Dairy's. Recreation land. Ralph Fowler Real Estate, Madison, VA. 22727. 703-948-4143.

102 a. Oxford 100 acre farmland and pasture, 2 a. woods, frame house, large barn and silo, asking only $2350 per acre. Mosemann Realtor. 717-859-1004 or 717-529-2678.

128 acres near Wagontown - 80 a. tilled, balance pasture and woodland very good large stone house, large barn, 2 silos along Brandywine Creek. Mosemann Realtor. 717-859-1004 or 717-529-2678.

TRUCKS & TRAILERS

REAL ESTATE

For Sale - 300 cow dairy operation with 300 acres of good limestone ground. All the conveniences and many extras, including long term owner financing and low interest. 304-263-9801.

Mifflin County Farm For Sale. 65 acres, 60,000 capacity broiler houses. House, small barn, pond. Phone 717-543-5736.

For Sale - Camp or year round home in Tioga County, 4 acres, house and barn, $19,000. 814-367-2627.

110 acre farm for sale. Rexville, NY. 40 acres tillable, excellent corn growing top land. Older 3-4 bedrm. house and barn, will need some work. New well, septic and electric. Price $40,000.

McKenna Realty
Box 7A
Greenwood, NY 14839
Tel. 607-225-4256

TRUCKS & TRAILERS

REAL ESTATE

Farm For Sale - with 2 houses. 84 acres, Snyder County, boardering Middlecreek. Stream runs through properties. Springs, wells, stalk fish, ponds and outbuildings. Landscaping with flowers and shrubs. Asking ⅓ down. Owner financing, $187,000. For more information call 717-374-1716.

Small Farm - Located in scenic Hegins Valley. Large barn and three bedroom farm house. Ideal for a retired farmer or those wishing for a bit more room. 717-682-9391.

FARM - Cambria County. 70 acres. All buildings 6 years old or less: 3 bedroom, 2 bath house, 40x50 barn, 4 & 5 bay sheds, cribs. Free information sheet. Kimball Real Estate, Ebensburg, PA. (814) 472-7700.

For Sale - 200 acre dairy farm and machinery. Located in Finger Lakes, New York State. Priced reduced - Owner Financing. 607-292-3495.

FOR SALE - 67 Acre Farm. Near Reading, PA. 60 acres tillable, 4-bedroom house, barn, sheds, silo, ½ acre pond. Spring Fed. Will help finance, private 215-693-5624.

100 acre Southern NY farm, refurbished house, w/w carpeting, electric heat, wood stove, bank barn, machine shed, out buildings. Picture postcard setting. Valley inside a mountain. $69,000 215-754-7316.

FRANKLIN COUNTY - 165 acre dairy, double 6 milking parlor, 3 silos, 2 homes Call for more details, 180 acre dairy, pipeline milkers, some limestone, mostly all tillable; 150 acres, pipeline milkers, 50 free stalls, bulk tank. FULTON COUNTY - 170 acre farm, 70 acres tillable, bank barn, rancher, stream, pond. HUNTINGDON COUNTY - Land with stream, woods, field. Will sub-divide. Keene Real Estate, Inc., 717-597-[illegible], Wisconsin R[illegible].

Southern Huntingdon County dairy farm. 175 acres with 150 acres tillable, large barn with 44 stanchions, 2 nice homes, stream and good spring on property. Many other extras, $315,000; Southern Huntingdon County dairy farm. 111 acres, extra good home with 7 rooms and 2 baths. Good barn with 27 stanchions, milk house and wagon shed, $125,000. Colonial Real Estate Agency 814-447-5511.

USA Buildings - agricultural-commercial, full factory warranty, all steel-clear span, smallest building 30x40x10, largest 70x135x16. 30, 40, 50, 60 ft. widths in various lengths. Call 24 hours, 1-800-521-0334 Extension 540. Must sell cheap immediately. F.O.B. Will deliver to building site.

FARM FOR SALE BY OWNER - 106 acres with buildings -- located Bloomsburg, Pa. $1500.00 per acre. For more information contact G.L Peery, 1060 N.W. 4th St., Boca Raton, Fla 33432. Tel 305-368-8475

For Sale By Owner - 181 19 acre Dairy Farm Creek thru farm, approx. 90 tillable, 42 stanchion barn, drop cleaner, silo with unloader, milkhouse with bulk tank, feed bin, 9 RM, 1½ bath house. Possible financing, $148,000. Bradford County. 717-297-3923

Hog producing farm, 162 acres, farrowing quarter, full barn, gestating sheds, other buildings. Call Coldwell Banker, Ralph Feldman Realtor, Chambersburg, PA. 717-263-9271. Harvey M Bowers, Associate. Home Phone 717-352-8265.

REAL ESTATE

Tioga County, PA. 192 acre poultry ranch. Fully automated. Excellent buildings. 90,000 layer, 30,000 pullet capacity. In operation. 717-827-2561

Bradford Co. 676 acres farm land, pasture and woods. Sound buildings, lots of road frontage, $299,000. Carter Realty, 215-639-1770, Monday thru Friday.

Wanted to Rent - Young Christian couple looking for small farm to rent, 5-20 acres of good land with a well, supplied pond or creek near Manheim. Would like to take possession this fall or next spring. Lanc. Co. 717-665-7809.

For Sale - Dairy Farm, Bradford County, 106 acres, 50 tie stalls, 4 silos, bunk feeder, heifer barn, equipment shed, 3 year old stainless steel pipeline, 4 bedroom house, good condition. Additional acres rentable. 5½ F.H.A. transferable mortgage if qualified. 717-746-1575.

FRANKLIN CO. FARMS - 165 Acre Dairy, double 6 milking parlor, 140 free stalls, silos, 2 homes. 180 Acre Dairy, 42 stanchions, partly limestone. 150 Acre, free stalls, bulk tank. 168 Acre Dairy, milking parlor. 115 Acre Farm, secluded, boarders state land, $80,000.
FULTON CO. - 172 Acre Farm, frontage, stream, woods, fields.
HUNTINGDON CO - 100 Acres, frontage, stream, woods, fields.

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Roger Wildeson, R E S
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Shenandoah Valley, VA working dairy farm on 140 acres with 75 in crop land Parlor, 2 20x50 silos, 2 wells and 2 ponds 7 room brick house. Has large family room with fireplace and garage 703-289-9942

For Sale By Owner - Operating Dairy Farm 345 acres more or less, 200 tillable, 63 stanchion barn, pipeline, 1,000 gal bulk tank, 3 silos, 2 homes. Purchased bare or stocked and equipped Financing available Steuben Co., NY. 607-776-2689 evenings.

130 A. Farm. Somerset Co., PA on Twp Rd Currently operating 60 A Tillable, 70 A. Woods and pasture. Modern facilities, comfortable 3 bedroom house, barn, garage Abundant good spring water Gas lease. Good deer hunting. Asking $130,000. Phone 814-267-5388.

FOR SALE - Large house, good location in town, near schools & parks. Also suitable for office, rooming house or bed & breakfast trade. 2 baths, hardwood floor, carpeted. Price mid $50's. Owner Financing available. Located in Lycoming Co Write M.M Hoffman, Muncy, PA. or call 717-546-5981

23 acres along Penns Creek, 6 acres of open ground, rest with some timber 20 acres along Rte. 45 with some timber, some building lots & 1 small house in Laurelton 717-922-1437.

For Sale - 58 acre farm Juniata County 40 plus acres tillable 717-527-4093

Nice 100 foot lake frontage on west side of Cayuage Lake. Reply to Lancaster Farming, Box 366, K-17, Lititz, PA 17543

Fruit Farm - 85 acres, house, barn, cooler Immediate possession, $94,000. Wolcott, NY Dwight Winter, Broker 315-594-2345

FREE CATALOG! Describing numerous Pennsylvania farms, camps, acreage tracts, cottages, homes and businesses Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA. 15044.

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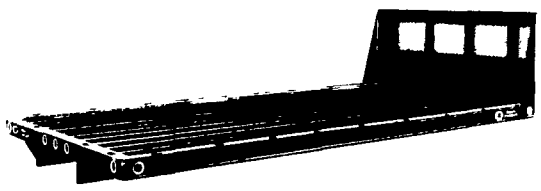

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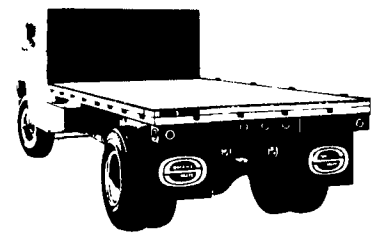
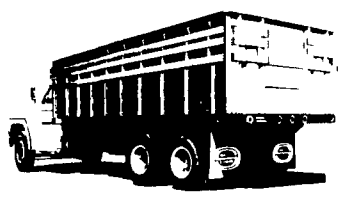
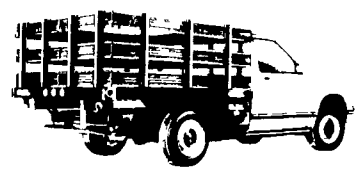


FARM BODIES steel, hardwood or aluminum, a full 96' wide





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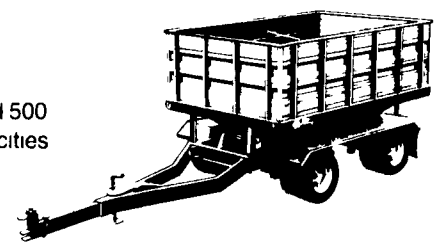

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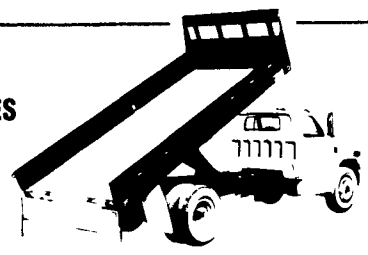

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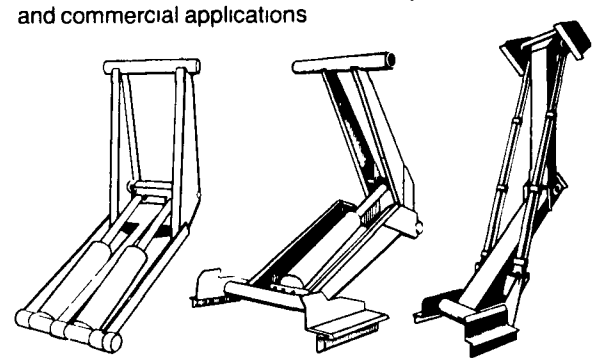

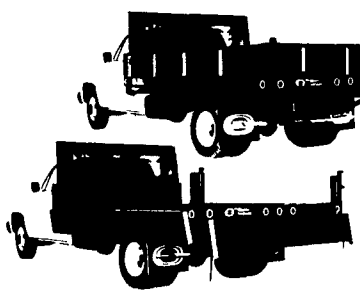

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BUSINESS PROPERTIES FOR SALE - 29 acres including fishing lake, snack bar, living quarters, liquor license. Schuylkill County, Owner financing, by appointment. Harvey Cresswell, Realtor. 717-874-0147.

283 acres operating dairy farm, 155 plus tillable, 3,000' river frontage, sandy & clay loam soil, 90 cattle, 44 milkers, some machinery ideal for dairy. Investment, retirement near Lake Ontario & St Lawrence seaway, $156,000. Call 315-628-5850 between 6-7 a.m.-p.m. EDT.'

7 acres farmette secluded with 3 br. ranchet, 1 acre woods; 3 br country home on 2 acres; 5 acres excellent tillable land; 2 br. house remodeled, new appliances, fireplace in Liverpool 95 acres for recreation or development, mostly wooded, 6,165 ft. road frontage on Twp. Road Creek secluded in Perry and Juniata Co. Niesley Real Estate. Call Clair Benner 717-444-2162.

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If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

REAL ESTATE

Wanted To Rent - Steer farm in Dauphin, Cumberland or Franklin Counties. Would consider other counties with good growing conditions. Call 717-569-4762 or write Lancaster Farming, Box 366, L-25, Lititz, PA. 17543.

31 acres Bradford Co., $18,000. $8,000 down, $10,000 financed 12%. Beautiful View, creek, woods and open fields 717-265-3804.

40 acres in Bradford Co. 7 acres cleared, rest wooded. On paved road, septic approved and spring fed. $20,000. 717-744-2813 or 717-265-7419.

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(2) 2 story houses built 1978, 53 acres, remodeled home, bank barn
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DAIRY FARM FOR SALE
360 acre dairy farm, 155 tillable. Dairy barn holds 97 on pipeline 2 20x50 silos Attached heifer barn, attached machine shed 10 room house, 2 bedroom trailer, $130,000 Reply to Lancaster Farming, Box 366, J-309, Lititz, PA 17543

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221 ACRE FARM
2" stainless steel pipeline, tank, 3 silos, overlooking Seneca Lake.
For Sale or Lease
Owner financing.
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SCHUYLKILL COUNTY
30 acres farm land, road frontage, stream, mountain view. 3 minutes off Rt. 183 west of Summit Station.
$35,000
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For Lease
Farm 100 200 acres Southern N J Beautiful 2½ story Modern Home 3 car garage large barn good out buildings Large pastures ideal for horses or cattle Price negotiable write for details and appointment to see Lancaster Farming Box 366 R82 Lititz PA 17543

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ADMIRE YOUR FIELDS! All 45 acres of good crop land located in Schuylkill Co 1½ story house 4 bedrooms bank barn garage and other buildings $132 500

FUTURE FARMER! Become the proud owner of this 3 bedroom remodeled farm house on 34 acres near Bernville With barn pond pasture for animals and much more!

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For Sale
Executive Farm
Located 3 miles west of Troy Pa Bradford Co consisting of 112 acres 75 tillable (soil conservation approved) 8 room house including recreation room with fireplace and bar hot water heat fully insulated 2 car garage attached to house 16x32 swimming pool Barn 40x60 with 22 Jamesway stalls, barn cleaner Acron automatic feeder for 30 heifers or beef cattle, 12x40 concrete silo 30x40 shed to house horses or cattle Abundance of water New owner will enjoy one of the best reconditioned set of buildings in this area also greatest view of well known Armenia Mountain
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Owner
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Shown by appointment only

REAL ESTATE

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432 ACRES - high state of cultivation miles plus of hard road frontage, all mineral rights including gas and oil, approx 270 acres tillable 100 pasture rest woods and timber 3 sets of dwellings and farm buildings featuring brand new 40x105 bank barn for dairy 30x100 block building for livestock or horses 4 large metal grain bins (28 000 bu cap), second 40x80 bank barn with metal addition (fully insulated, cap approximately 50 head) a newer metal Martin building approximately 54x100 (maintenance free) with many other smaller buildings and fine features Call Dave Bartholomy personally for information appointment or farm brochure Don't hesitate! After appraising dwellings barns and buildings plus mineral rights in excess of $200,000 — the cost of this highly productive acreage is approximately $500 per acre The appraisal far exceeds the asking price of $432 000

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91 ACRE DAIRY, 50+ tillable acres, 24 stall dairy barn with barn cleaner bulk milk tank, silo & a good 3 bedroom house Small pond & stream! $105 000

270 ACRE CLASS A DAIRY with complete jug milk operation plus a wholesale milk market Modern dairy store building and business included 88 stall dairy barn with pipeline milking system Excellent 2 story home, fresh water streams, 125 tillable acres, 50 acres of improved pasture Retiring owners will finance! $325,000

168 ACRE MODERN DAIRY, 140 acres of highly productive limestone soil, 80 cow free stall set-up, double 8 herringbone milking parlor, two 20x70 concrete stave silos, spring fed pond & a 4 bedroom brick house Owners want out! $375,000

102 ACRE LIVESTOCK, 40 acres tillable, 30 acres pasture, 4 bedroom house, bank barn and stream Retiring owners will finance! $60,000

76 ACRES, mostly wooded, exceptional stone & frame ranch style house, near Morrison's Cove! $69,000

22 ACRE GENERAL Near Shawnee State Park, refurbished farm house, one story barn for horses, cattle or sheep! 15 acres tillable $69,950

61 ACRE HORSE RANCH, 26x66' horse barn, large bank barn, dog kennels, 2 car garage, work shop, 2 ponds & streams, 40 acres of fenced pasture, a beautiful refurbished farm house featuring a fireplace and 2 complete baths Easy terms by owner! $129,000

82 ACRE GENERAL, excellent 2 family dwelling, large bank barn, implement shed, pond, 30 tillable acres and 10 acres fenced for pasture Great farm for horses or beef cattle! $139,000

120 ACRE LIVESTOCK, mostly pasture new raised ranch style home, older house & barn Stream thru property! Cumberland Valley Township Owners will divide! $149,000

25 ACRE HORSE RANCH near Hollidaysburg, Early American farm house, tack shop & a 30x100' horse barn $150,000

175 ACRE GENERAL, Morrison's Cove area of Blair County, 150 tillable acres, house, barn, silo & outbuildings $165,000

161 ACRE LIVESTOCK, 2 excellent farm houses bank barn & 3 car garage Near Cumberland MD A great farm for cattle or sheep! $185,000

158 ACRE GENERAL, 110 acres of highly productive limestone soil, 30 acres of pasture, good limestone house built in the 1800's, excellent bank barn & a huge spring feeding run on farm Located at the Bedford Blair County line! $194,500

285 ACRE BEEF & CROP, 120 productive tillable 60 acres of fenced and improved pasture Large barns, machine shop silo & 2 frame houses Owner will finance! $325,000

* **BIG GAME HUNTING & FISHING PRESERVE,** 363± acres, fish hatchery, 10 acre lake, 32 stocked warm water ponds, trout stream, hunting lodge, camp sites & wild game including Big Horn & Dall Sheep! Owner financing available! $550,000

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385-ACRE DAIRY - Approximately 318 acres tillable plus additional 300 leased, 15 acres creek-watered pasture, 45 acres wooded Includes 5 acres in sugar bush, assorted fruit trees 2-story home with 7 bedrooms in good condition 125x36 Dairy barn, 6 years old with 50 cow ties, pipeline milking system, 1000-gallon bulk tank Heifer barn, machine shed Includes 50-head dairy herd & some equipment, Woodhull, Owner financing available L-2093

100-ACRE BEEF - CASH CROP - Approximately 40 acres tillable, 15 acres creek-watered pasture, balance wooded 36x48 barn in good condition, outbuilding, old house in poor condition & mobile home hook-up, $35,000, JUST $10,000 DOWN, Owner financing available at 10% interest payments of $268 66 monthly for 15 years, Addison-Woodhull area L-2077

325-ACRE DAIRY - 176 acres tillable, 40 acres wooded 6 bedroom home 150x56x36 Dairy barn with 79 cow ties, 1500-gallon bulk tank, 2 silos, machine shed $259,000 L-2075

675-ACRE DAIRY - CASH CROP - Approximately 450 acres tillable, 3 ponds, 60 acres rotating pasture, 145x180 newer dairy barn with 135 freestalls, assorted barns & sheds, 3 homes (all in good condition), $253,000, financing available with approximately $30,000 down L-2059

124-ACRE BEEF-SHEEP-HORSE - 1890's Victorian home with 5 bedrooms & hardwood floors Covered basement used as barn, winding TROUT STREAM, 48 acres forest, some native hardwoods, $40,000 L-2070

320-ACRE TURN KEY DAIRY - Approximately 160 acres tillable, 2 ponds, winding creek, long road frontage, woodlot Newer 3 bedroom ranch with 2½ baths, nicely finished basement, 2-car garage, mobile home hook-up 40x90 barn with 48 stanchions 425-gallon bulk tank 40x105 pole barn, 30x50 barn, includes existing cattle & machinery $260,000, financing available L-2069

10 ACRES - Mostly level, 2 5-acre orchard 2-story home featuring 4 bedrooms up & eat-in kitchen, dining room, 15x23 living room down 28x54x24x32 barn with 220 wiring & chimney mid $40's L-2063

18 LEVEL ACRES - Located in Hammodsport School District with lovely Keuka Lake View 3 bedroom modular ranch with full basement, $38,000, JUST $10,000 DOWN, Owner financing available at 10% interest, approximate monthly payments of $300 89 for 15 years L-1971

91 ACRES - Located near Hammodsport overlooking beautiful Keuka Lake Approximately 35 4 acres in vineyard, pond, $45 400 financing available to qualified buyer L 1848

50 ACRES - Development potential overlooking Keuka Lake & Bluff Point on a State Highway in Hammondsport School District Approximately 22 acres in vineyard, assorted varieties, 27 acres wooded some commercial timber reported by Owner 32x40 barn good condition, in the $60's L-2033

— RECREATIONAL —

35 ACRES - All wooded, winding creek near County highway on improved road Good hunting, $10,500 L 1986

— BUSINESS —

OCTAGON - Circa 1859 1 25 acre picturesque setting near Keuka Lake & Hammodsport 18 rooms including octagon cupola 3½ baths, open circular stairs Two-story carriage barn, near wineries & museums Good restaurant or Bed & Breakfast potential, $65 000 L 1850

COMMERCIAL BUILDING - Downtown Bath Village location 3 levels full basement, in the $30's L 2004

WAREHOUSE - Located in the Bath Village Business District containing 5,000 square feet of space on the main level & additional 2,000 square feet up, $50,000 L-1975

PRIME BUSINESS SITE - Located in a high-density traffic area in the Village of Bath off Southern Tier Expressway Exit No 38 Approximate 63 acre with one-story building containing 4,000 square feet Existing parts equipment & furnishings included L 2000

FREE BROCHURES
MAKITRA REAL ESTATE, INC.
Bath, NY 14810
(607) 776-2468
AFTER HOURS: (607) 776-2386

CUMBERLAND COUNTY
150 acre dairy, limestone soil, approx 100 tillable, 40 tie stalls, 14x60 and 10x40 silos Second barn with 10x50 silo 2 streams, nice large stone house, 9 room, 1½ bath, large center hallway, 3 fireplaces Beautiful view Call
717-776-7650

FARM AVAILABLE NOW PRICED TO SELL!
120 acres, 20 mile from Carlisle, nice level fields, several ponds and stream for irrigating, large bank barn and house with all improvements, large mobile home on property, owner will offer financing Call 717-249-1165 after 5 PM

Working Dairy Farm
100 Tillable Acres, comfortable house and outbuildings.
Call **Steinbacher Realty**
717-326-3587
or
Ron Barto at
717-584-5266
BETTY Steinbacher REAL ESTATE

FARM FOR SALE BY OWNER:

Versatile - Can Be Dairy, Beef or Horse Farm, Or Just For Recreation
250 Acres, 120 Tillable, Timber, Gravel Bed, Sugar Bush
Excellent Milk market
Excellent Barn:
81 Large Tiestalls; pipeline, Bulk Tanks, Barn Cleaner, Two Silos, Several Outbuildings, Endless Water Supply.
Remodeled 6-Room House With Bath.
$158,000

PAUL MUSCH, JR.
315/245-0175

Franklin Co. Farms

268 acres modern dairy w/double 6 parlor 210 free stalls

157 acres dairy 36 tie stall barn & loafing barn $157 000

105 acres general farm w/lovely home make offer

95 acres grain farm excellent land modernized brick home

Also 100 acres of open land near Gettysburg w/70 acres tillable

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Phone: 717-392-3032
anytime

REAL ESTATE

REAL ESTATE

RESIDENTIAL-FARM SPECIALISTS-COMMERCIAL

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REAL ESTATE BROKER

AUBURN, N Y
315-253-3813 - Res. 315-252-1046

50 Cow Dairy - 230 acres; 2 houses Some mtg. money. Nice lake frontage $235,000

Exceptional - Log Home - 18 acres. Price $85,000, half down, balance 5% mortgage

REAL ESTATE

REAL ESTATE

Working Dairy Farm For Sale

Snyder County, PA 111 acres, approx 100 tillable Large house Dairy barn with comfort stalls 36'x150', 12 years old Patz barn cleaner, Feed tank, 20x50 concrete stave silo Second large bank barn and straw shed Soil class is mostly 2 and some 3 Reply to Lancaster Farming, Box 366 R-5, Lititz, PA 17543

8 AC HOME

stream woods near State Land Taxes $422 $39 750 (M1613)

2 AC RETIREMENT

maintenance free 2 BR taxes $400 $35 500 (M1612)

CAMP

all utilities walk to gas co land $11 400 (M1605)

58 ACRES

wooded your own retreat $27 840 (M1595)

2 5 ACRE

near State Land & Lake $4 700 Terms (M1583)

20 2 ACRE

surveyed views good access $10 000 (M1350)

66.7 AC FARM

river bottom hse barn Rt 15 frontage $66 000, $15 000 dn 10% fixed 20 yrs $492/mo

FREE LISTS

ERA-Homestead Realty
267 S Main St
Mansfield, PA 16933
717/662-3287

CAMP/RETREAT

3 4 ac nr State L nd private $30 750 (W830)

SITE

well septic approval nr dams $8 500 (W827)

RAQUETBALL CLUB

going business incl living quarters $65 000 Country setting near state land (WW814)

RETIREMENT

2 BR, 2 bath low maintenance $19 900 (W807)

20 AC

3 BR newer home, fireplace central air appliances $58 500 (W739)

CAMP

9 wooded/private acres, road utilities old camp no good $14 900 (W689)

46 ACRES

¾ woods springs private $28 500 terms Taxes $65/yr (W679)

FREE LISTS

ERA-Homestead Reaity
23 East Ave
Wellsboro, PA 16901
717-724-7161

REDUCED

bar & restaurant facilities Excellent income Owner anxious to sell $68 500 (D312)

BUILDING LOT

1 02 acres septic & leach field in Electric available Owner terms $9 000 (D337)

TRAILER PARK

Northern Tioga County 9 slots, 9 acres 4 BR house & garage $69,500 (D329)

LOG CABIN

38 ac , mostly wooded, Cabin 5 yr young Great views $44,900 (D322)

PEACE & QUIET

35 ac open & wooded springs township frontage Good hunting $18 000 (D331)

ERA-Homestead Realty
168 W Main
Westfield, PA 16950
814/367-2222

ERA

NEW YORK FINGER LAKES FARMS

140 A., 3-bedroom house, 4-car garage, large basement, barn, $67,500.

152 A., very good 4-bedroom house near Auburn, $142,500. Owner financed.

520 A., Honeoye dairy, asking $495,000. Make offer.

Several good cash crop farms.

Roy A. Tuttle, Broker
Box 338, King Ferry, NY 13081
315-364-8311

JUNIATA CO. DAIRY FARM

All you need to start milking on this 247 acres is a bulk tank and gutter cleaner 40 modern tie stalls presently adapted for beef or heifers. 14x50 and 12x35 Fickes silos. 108 Tillable, Class II & III in high state of fertility, 9 acres Pasture with spring, and balance woodland, some timber, with pond. 4 bedroom house Seller financing on 2/3 price of $217,000

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Don Bashore, Realtor
Office (717) 436-8839
Residence (717) 436-9213

EXCLUSIVE PA FARMS FOR SALE

See our detailed ad in the May 26 and June 16 issues.
Please call or write our office for detailed farm list.

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Box 186 Rt. 100
Hereford, PA 18056
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Also licensed in DE, MD & NJ

SOUTHERN NORTHUMBERLAND CO. & SURROUNDING COUNTIES

60 acre farm, lg home, wood or oil heat, bank barn, small orchard, $69,000 Can be bought with equipment extra Call Peter

Herndon Area 2 Farmettes $35,000 & $49,000 Call Peter.

Lykens Valley 90 acres, 85 tillable, 3 bedroom home, large bank barn, $225,000 Owner financing. Call Ralph

110 acre farm prime land $179,000. Call Peter.

70 acre farm, 60 tillable, home and barns, nice setting, Halifax, $110,000 Call Peter.

400 acre grain and vegetable farm, large quantity of water for irrigation, new barns, extra nice home, 220 tillable, large quantity of low rent ground available, $500,000 Call Peter

PETER B.

CORTELYOU

Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Ralph Deibler, Salesman 717-692-2587

5½ ACRES

on Trout Stream with 4 BEDROOM RANCHER, Electric Heat, Fireplace Ideal permanent or vacation home in the Beautiful HEGINS VALLEY Close to State Game Lands, Good Hunting & Fishing in Area It can be yours for $38,000

70 ACRE FARM

Approximately 30 Acres Tillable, balance Pasture & Wooded. FARM HOUSE with Heat & Bath Barn other Outbuildings for $70,000 in PITMAN, Schuylkill County, Pa

MANDATA AREA

23 Acres Farmland $34,500

10 Acres with Dwelling in need of repair $26,000

3 Acres with Shop, new Well, 3-Phase Current $28,500

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Lanny Lupold, Sales Associate
(717) 682-9494

new pennsylvania realty, inc.
717-386-5000 Schuylkill Office

MODERN BEEF FARM!

150 ACRES, 2 Harvestores, Feed Lot For 350 to 400 Head!

WE NEED 50 ACRE (m/l) FARM!

Stone house preferred, good location with buildings set back from the road. Berks or adjoining counties. Will pay up to $250,000.

Call **CARL JOHNSON**
215-367-6160

For the serious Farmer who wants the Best, 230 acres, 160 cultivated mostly Class II Frankstown Cherry Silt Loam, Well planned Barn Complex for Dairy and or Beef & Hogs with 110 free stalls in steel building, 4 silos, & 6000 bu Grain bin, Good 10 room farm house & good tenant house, land and buildings in excellent condition, many fine, well planned extras, Owner financing possible, Price $449,000

78 acre Farm, Excellent crop land, Good Brick house, Good barn and Outbuildings, small mountain lot included, Possible Owner financing Price $110,000

New Listing, 145 acre general farm, good soils, pole buildings, dwelling Excellent for crops, beef, horses etc Price $195,000

112 acre General Farm, old house & barn need some repairs Price $89,000

New Listing 27 acre farm ground feed lot silo bunk feeders, good for cattle or hogs no house Price $39 000

JACK H. KNEPP AGENCY
McClure, Pa 17841
717-658-6303
Dallas E Will RA
717-543-5685

PENNA FARMS
CUMBERLAND CO.

Dairy Show Place - 156 acres Hagerstown limestone soil 44 tie stall barn w/pipeline milker Patz stable cleaners 1000 gal bulk tank 16x50 sealed silo w/bottom unloader 44 free stall barn w/64' feeder 20x60 silo implement storage, beautiful stone and frame dwelling 20x40 inground pool, a dairy family's dream farm plus 12x60 mobile home for hired help

176 Acre Dairy. 100 crop acres 40 tie stalls, manure pit, 2 silos, implement storage modern 4 bdr brick dwelling

156 Acres Modern Dairy, new dairy unit with double 6 parlor, 6 milking units, 1500 gal tank, 108 free stalls, lagoon (year storage) 3 silos, 2 floor bank barn with 48 tie stalls, 4 bedroom dwelling, beautiful view of valley 14x70 mobile home on lot with well and septic additional

158 Acre General, Murrill soil, 110 crop acres, large stone bank barn, 2-story mountain, stone and frame dwelling, stream Owner Financing

38 Acre Farmette, 20 crop acres, 36 tie stalls, 40x80 pole shed, 40x72 heifer building w/lagoon, insulated workshop, 4-bedroom, frame dwelling, pond & road frontage

FRANKLIN CO.

100 Acres M/L, 70 crop land 30 wooded with stream No buildings 3000 ft road frontage $1 600 per acre

Charles Wenger, GRI 263-0945
George Ebener 249-4979
Wilbert Diehl 258-3231

GEORGE L. EBENER & ASSOCIATES REALTORS
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Outstanding South Carolina Farms

Irrigated Farms:

735 acre dairy farm, 6 silos, cattle, feed and machinery 3 nice homes $600,000 tax shelter Price $1,500,000

750 acres, one of South Carolina's finest grain farms. Highly improved, 600 acres tillable, 2 fine homes, machinery, sale off land, golf course potential. $1,300,000 tax shelter. Price $2,000,000

905 acre dairy, 700 Holsteins, 750 acres tillable, all machinery, feed. $1,000,000 tax shelter. Price $3,000,000

Non Irrigated Farms:

Nice Small Packages

290 acres of excellent soil Price $900/A

120 acre dairy farm, very modern, 2 homes, double 8 Price $225,000

100 acre dairy farm, all tillable, 180 Holsteins, double 6 Price $350,000

335 acres heavy black land, nice house, 300 acres tillable Price $950/A

We have the farms you are looking for at a price you want to pay!

Call us with your specifics

Century 21 Associated Brokers, Inc.
James C. Kees
803-534-1552 or 803-245-2068

NORTHUMBERLAND CO.

Dornsife, Pa.

Nice 3 bedroom house, dishwasher, electric range more than 14 000 sq ft chicken house 1st floor con crete ideal for pigs or steers elevator heating system in part frame bank barn work shop with daylight basement 2 car garage on 2 acres East of Dornsife Rt 225 Excellent buy at $85 000

ALLENTOWN

Available with or with out crops owner financing 150 free stall housing holds 200 head milk parlor bulk tank silos, high moisture corn silo dairy store, slaughter house, coolers, freezers Two houses on 130 tillable acres For information call

CENTRE CO.

Rebersburg

Farmalnd 45 acres along Rt 192 Nice farm ground Also 22 acres woodland at Spring Mills for $15,900

MANHEIM

7 acre farmette, 2½ story 4 bedroom house, barn & two car garage

Donald R. Witwer,
Broker
Ephrata, PA
717-738-1458

DOUBLE EXPOSURE

Farms, commercial properties and unusual homes, will be advertised in the Multi-List Services of both Lancaster and York Counties!

OLD STONE

Close to Lancaster, this fine old stone and brick home is waiting for restoration 6 acres of pasture make this an ideal mini farm for horses Bank barn and stream Penn Manor Schools 7 additional acres available

HIDE-A-WAY

10 acres of woods and pasture surrounded by hundreds of acres of gamelands and woods insuring privacy and quiet 7 year old delux 2 story home with all extras 3 car garage, 2 fireplaces, heat pump and wood furnace Owner financing available Penn Manor School District

71 ACRES

Several commanding views of the Susquehanna 3 ponds, extensive road frontage Mostly farmable pasture land surrounded by woods Many possible uses Penn Manor School District

PROPERTIES NEEDED

I need listings of small farms, rural land and country homes in any condition in southern Lancaster and York Counties Please call now!!

mott holt realty
299-2578

146 East Walnut St
Lancaster PA 17602

or

426 South Main St
Red Lion PA 17356

Phone: 244-8556

REAL ESTATE REAL ESTATE

CENTRAL PENNSYLVANIA FARMS, FARMETTES, LAND & CABINS

We presently have one of the largest selections of farms, farmettes, land and cabins available in central Pennsylvania We have over 50 exclusive listings

Our Farm and Land Department would be happy to mail a free, detailed farm and farmette list or land and cabin list to you

See the May 26 and June 9 issues for a complete farm inventory.

FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
Don Myers (814) 422-8111
Mel Rockey (814) 466-6688

(Bedford) Richard D. Reed (814) 839-4271
(Huntingdon) Rachel Port (814) 669-4194

KISSINGER LEONARD & BROWER Realtor

Frederick J Kissinger, Realtor
William H Leonard, Realtor
Ralph F Brower, Realtor
245 S. Allen St.,
State College, PA 16801
(814) 234-4000

180 acre dairy farm with 42 cow barn pipeline milkers, automatic washers stable cleaner 11 room brick farm home centrally located, only $250,000

97 acre dairy farm with bank barn milking stable milk house wash house, lots of road frontage only $299 000

215 acre limestone dairy farm with 4 silos 8 pipeline milkers 1000 gal bulk tank 4 bedroom farm home only $335 000

35 acre gentleman farm with assumable loan beautiful 3 bedroom 2½ bath brick rancher machine shed loafing barn block and metal barn only $164 000

178 acre modern dairy farm with bank barn mix mill large hay barn loafing shed excellent milking and feeding facilities 1000 gal milk tank 4 bedroom remodeled home only $399 000

EQUAL HOUSING OPPORTUNITY

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HEYWORTH REALTY

Multiple Listing Service
MLS

Farms, Appraisals, Commercial & Residential

1300-B Dual Highway
Hagerstown, MD 21740

An Equal Housing Broker

JUNIATA COUNTY

(New Listing)

126 acres 60 acres tillable balance wooded & pasture frame bank barn corn barn 3 bedrm dwelling ¾ mile Tuscarora Creek frontage secluded $130 000

LANCASTER COUNTY

Reduced To Sell

77 acre dairy south of Buck Dairy barn 48 x84 66 free stalls bank bar 72'x50' loose housing for 34 cows implement shed 54'x80' heifer barn and implement shed Johanna milk market 5 bedroom frame dwelling, central heat 2 baths (72 acres tillable) 2 wells

85 acre dairy south of Buck Dairy barn 40 comfort stalls, barn cleaner bulk milk tank, a separate building for young stock and equipment, free stall barn, implement shed bulk feed bin, grain bin 68 acres tillable, wooded, stream & spring in meadow in a lane with hideaway privacy

CHESTER COUNTY

New Listing Near Oxford

100 acre general farm, 2 story frame dwelling Barn stanchions and box stalls 60 acres tillable 38 acre pasture 2 acres woodland Land gentle slope, loam soil, state road frontage

West of Downington near Route 30 Exit at Route 82

128 acre general farm, Colonial stone house with fireplaces and all conveniences bank barn and attached 20'x98' 1 Harvestore 1 cement stave silo, some woodland along Historic West Brandy wine Creek east of White Horse

CHRISTIAN M. MOSEMANN

REALTOR
627-1754
734 Main St Akron, Pa 17501
Phone 717-859-1004 24 hr service
Paul Z Musser — 717-733-8107
James L Marsh — 717-529-2678
Milton G Huber — 717-299-5136
June S Beck — 215-488-6826

SHEETZ REAL ESTATE RAY N. WILEY INC.

323 W. Main St.
Mount Joy, PA

CALL 653-1481

FARM LISTINGS NEEDED

Farm Salesman - Eugene Kreider

WHETSTONE RIDGE A 95 acre mountaintop farm adjacent to the Blue Ridge Parkway One half open fields one half in woodland Elevations from 2640 feet to 3050 feet command spectacular views of the surrounding country Many springs and Irish Creek a stocked trout stream Abundant wildlife A rare private ownership op portunity $110 000

SUGAR CREEK 6 miles west of Historic Lexington a rolling 228 acre farm with 100 acres in open pasture and hayfields The at tractive recently renovated farmhouse offers 3 bedrooms full bath living room family room with fireplace kitchen and porches Spring water Fine garden areas 2 streams Log barn Fine views $175 000

TIMBER RIDGE 6 miles north of Historic Lexington 82 acres with fine balance in pasture cropland and woods 1800 s farmhouse has 3 bedrooms 2 baths large living and dining rooms library nice kitchen fireplaces spring water Nice creek flows through property A young orchard garden areas new pole barn and excellent fences $145 000

WHITE HALL PLANTATION, Campbell Co Virginia 1 364 acres excellent farming facility Beautiful historic residence (ca 1809) Manager s home Operating as hog center beef cattle and sheep operation for past 11 years $995 000

G OTIS MEAD III
Area Code 703
Office 463 7168
Home 463 2740

MEAD ASSOCIATES

JAMES WM MOORE
Area Code 703
Office 463 7168
Home 463 7050

Real Estate Services @ 21 North Main Street Lexington Virginia 24450

Wooded 10+ acre lot, would be good for camp or residence. Some mature evergreens, good views of beautiful valley from one side of land. Just reduced to $7500. W-746

Camp or Home, Three bdrm., 2 sty home, 3 miles from Wellsboro on 2 acres of wooded land. Some remodeling required but affordable since price is only $19,900 with owner financing. W-845

69 acres mostly wooded, mature red pines, some hardwoods. Fantastic deer & turkey hunting. Must cross stream for access but priced right at $350/acre. Alder Run Rd., Jackson Twp $24,150 W-825 Possible owner terms

Where The Deer Play All Day - Secluded yet only 3 miles to Wellsboro this 2 story, 4 bdrm home on 34 acres of wooded land. Large country kitchen, living room, dining room, full bsmt, access to State Forest Lands for exc. hunting & recreation. W-806 $54,900

Century 21

THE REAL ESTATERS OF WELLSBORO

120 East Ave., Wellsboro, PA 16901
717-724-5921
Call or write for free list

LANCASTER COUNTY IN NEW YORK?

You'll think you're in Penn when you inspect this super neat stocked and equipped beauty. Everything is meticulous here w/a spotless lineup of machinery. Top herd of 100 eastern bred holsteins, barn ties 85, 2" pipeline. 233 acres, lots of tiling, 2 ponds, very nice, completely remodeled, vinyl sided, 5 bedroom home that's ready for your family to move in In ground pool $287,000 with terms.

BEST SMALL FARM BUY ANYWHERE!

Unbeatable price matched with a very private beautiful setting. Center hall Colonial home overlooks 155 acres, 120 tillable with large, easily worked fields 30 acres wooded and a nice pond Dairyman offers 50 head, 2 silos, and a fair barn that needs work but makes money Super potential here for any type of working farm or a very special setting for country living You may never see this value again offered for $110,000

Homestead Realty
Auriesville Road RD 1
Fultonville NY 1207?
518 922 6301

BRADFORD COUNTY PA FARMETTES

1567K 25A with a partly remodeled farmhouse, barn, secluded, East Troy $39,000

1650B 63A, nice view, solid old farmhouse just waiting to be remodeled, nice woodwork $59,500

1613Z 130A, 2 barns and a nicely remodeled country home. great hunting area near Overton $125,000

Century 21

JACKSON REAL ESTATE
R.D. #2
Wysox,
Pennsylvania
18854
(717) 265-2100

LANCASTER COUNTY FARMS

1-80 cow modern dairy, 3 beautiful dwellings, 93 acres.

2-Freestall operation for 70 cows - 35 stanchions with pipeline - 160 acres.

3-Operating beef and veal farm on 105 acres.

4-93 acre dairy with 2 Harvestores, free stall and yoke stalls with pipeline.

5-172 acre cropland farm w/o buildings.

6-Several smaller farmettes and horse farms.

CUMBERLAND COUNTY

Auction barn - Restaurant - Furniture Store. Call Mr. Baum. Many other farms for sale not listed here, including several tracks of mountain land for cabins, etc.

BERKS COUNTY

44 acre farm w/4 bedroom frame house, 1½ baths, bank barn, corn barn & wagon shed. Stream thru meadow. Quick settlement possible.

FARM & HOME REAL ESTATE
Smoketown, PA
717-291-2270

Sylvester Baum, Carlisle, 717 776 3967
Harlan Keener, Willow Street, 717 464-2669
Mahlon Oberholtzer, Lancaster, 717 392 1177

Broker J Irvin Denlinger
717 898 8962

LANCASTER CO. FARMS AVAILABLE SOLANCO

60 Acres, 16 stall horse barn w/tack room 2 story 4 bedroom, 2 bath home w/2 car garage, mobile home adds additional monthly income 30+ tillable, woods & fenced in area Call today, $165,000

ATTENTION INVESTORS
YORK COUNTY
Southern York Co.

Southern York Co farm, excellent soil, some pasture & woodland, ideal setting, road frontage, loose housing for 100 head, bunk feeder, buildings in good condition, brick farmhouse, 75 acres, priced to sell at only $199,900

Under $2000 per ac. Limestone, ex. cropland level to easy slope, 130 tillable ac. + some woodland, no buildings.

Also, nearby 135 ac grain farm, large stone home w/character. Owner ready to negotiate to your advantage. If you prefer will lease back land for 5 years at 100 per tillable acre Be sure to call on these.

NEW LISTING
OPPORTUNITY EXISTS

A Lancaster Co. Farm for horses, hogs, vegetables, sod or other uses. Rolling land w/frontage on Rt 23, beautiful creek for irrigation Must take a look at this farm, 48 acres. Priced at only $139,500

BERKS CO.

8 acres woods, small meadow, stream, horse barn, large 2 car garage, neat small rancher w/beautiful living room fireplace. Quiet setting. High 60's.

MONTOUR CO.

108 acres secluded w/view, nature lovers delight. Walk among streams, pine, hemlock and walnut trees. Harvest wood for your winter use, 60 acres of tillable contoured fields, good soil. Low 90's. Possible owner financing. Just minutes from Danville and Interstate 80 Sunbury.

KINGSWAY REALTY

REALTORS
1770 Oregon Pike
Lancaster
Phone: 717-569-8701
or Ephrata 717-733-3344

REAL ESTATE | REAL ESTATE | REAL ESTATE

FARMS FOR SALE

NORTHAMPTON CO. 42 Acre dairy farm, over 2,000' road frontage — Ideal for subdivision, 3 bedroom home, barn, other out buildings Asking $225,000

MONROE CO. 140 Acre vacation resort in Poconos Large lodge w/dining room, cabins, motel units, 12 acre lake, ponds, swimming pool, tennis court, recreation hall $300,000

Also 70 Acre dairy farm, barn, silos, modern milk house, garage, grain bin & more $250,000

We sell as package or separate

Century 21 Cowell & Co.
Inc. Realtors
215-258-7234
Open 7 days

CENTRAL PENNA. FARMS

CUMBERLAND COUNTY

290 acre general, modern 2 story brick house, bank barn, implement shed, silo, creek frontage Call Mr Niesley

122 acre dairy and beef, new beef feeding barn and 24x70 silo, modern 4 bedroom, frame house, 300 ft. setback, 2 streams and farm pond Call Mr. Niesley

25 acre farmette, modern brick house, bank barn. Call Mr. Niesley.

20 acre farmette, 2 story log house (w/modern kitchen, bath and furnace) bank barn and other buildings. Approx 2000 ft. road frontage. Call Mr. Niesley SOLD

19 acres mountain land, $17,000

FRANKLIN COUNTY

220 acre limestone beef and fruit. 80 acres marketable timber, beef feeding barn & silo for 100 hd , modern 2 story house with character, tenant house, stream Call Mr Niesley

JUNIATA COUNTY

95 acres woodland, 1½ miles road frontage w/spring & stream Ideal for hunting camp or recreation, $63,000 Call Mr Benner

50 acres woodland, $30,000 Call Mr Benner

5 acres land, 950 feet road frontage, $19,000 Call Mr Benner

MIFFLIN COUNTY

104 acre limestone dairy, 70 head (tie and free), 3 silos, lg. imp. shed, new heifer barn, mod. 2 story frame house. Additional option-125 Holsteins w/17,500 herd avg. and adequate line of mod. farm equipment. Call Mr. Crawford.

(Price Reduced)
118 acre dairy, 50 freestalls, liquid manure, 3 silos, modern 2 story log & frame house w/swimming pool. Call Mr. Crawford.

PERRY COUNTY

8 wooded lots, 1 acre to 1.7 acres. All with septic permits. Deer country $4600 to $9400. Call Mr. Orris.

YORK COUNTY

70 acre general, plush 2 story brick house, bank barn, implement shed, farm pond, 100 yard setback. Call Mr. Niesley.

JOHN B. NIESLEY REAL ESTATE
32 West High Street
Carlisle, Pennsylvania 17013
717-249-8787

RICHARD B. CRAWFORD - 717-734-3673
CLAIR R. BENNER - 717-444-2162
EARL I. STERN - 717-748-7376
GREGG R. BITTING - 717-789-3368 or 789-4513
STEVE E. ORRIS - 717-789-3368 or 789-4177
CHARLES D. SMITH - 717-789-3125

AMITY TOWNSHIP FARM

This Berks County Farm has 75 acres, a 3 story federal stone manor house that is presently 2 apartments but could be either 3 units or converted back to a lovely home. Huge bank barn, several out buildings, spectacular view, public sewer fronts the property, ideal for development or farm. Possible owner financing. Asking $525,000.

Call or write:
Anne Crouse
Transnational Realty Corp.
3800 Ridge Pike
Collegeville, PA 19426
215-489-3750

NORTHCENTRAL, PA. FARMS & INVESTMENTS

72 COW DAIRY FARM

50 tie stalls on pipeline w/22 ready to hook on. Additional 20 heifer stalls. 20x60 & 16x50 silos w/unloaders. Approx. 188 acres all but 40 till. or pasture. Pole barn and shop/machinery shed. Totally remodeled 5 bdrm. home. Existing FHA 5% int. loan for $95,000 Just $179,500. M-532.

TIOGA COUNTY AUGUST POSSESSION

111+ acre Dairy Farm. 2 row, 40 tie stall barn. Also utility barn and 40x80 pole barn w/14x40 heifer addition. 2 story farm house w/woodstove in family room, much more. Asking $108,000 M-666

BUSINESS OPPORTUNITY

Over ¼ million gross, small town grocery store, stocked & equipped, 4 bdrm, 2 baths, apartment above. Reduced to $125,000 Telephone #717-265-3171 or 717-265-8903 #1950

The Real Estates

Offices Area Code - 717
Tioga, Potter & Bradford Counties call or write
MANSFIELD, RD 1 Box 41 662-2138
TOWANDA, Bridge St 265-3171
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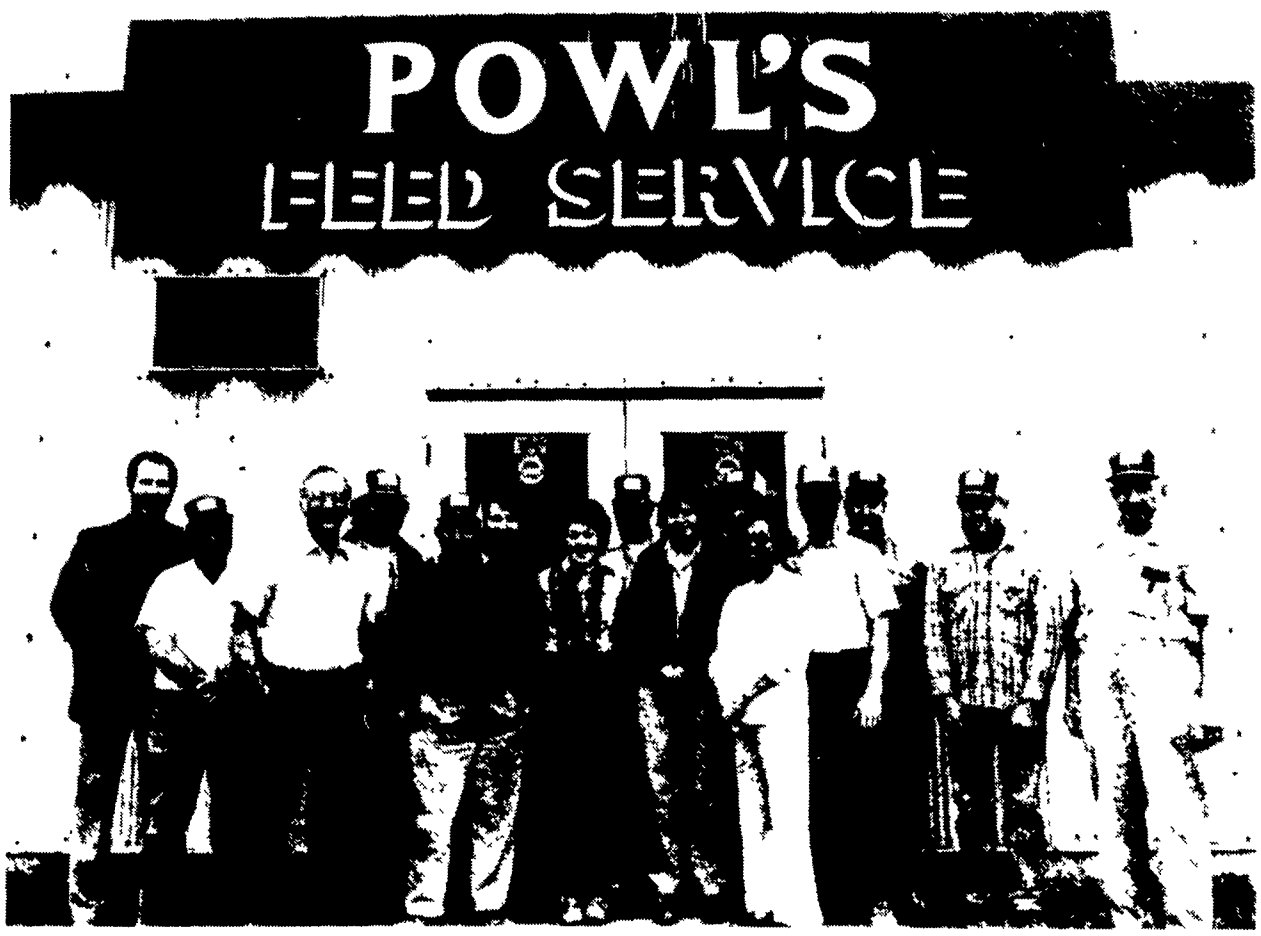

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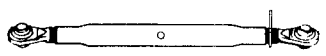

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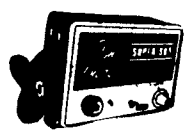

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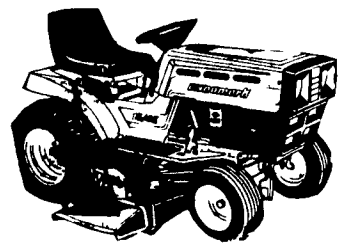

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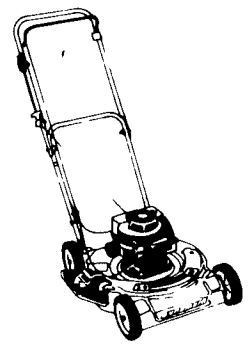

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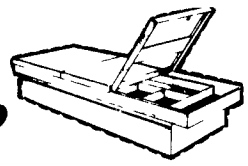

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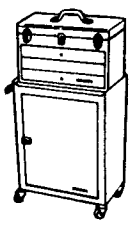

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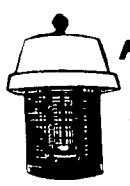

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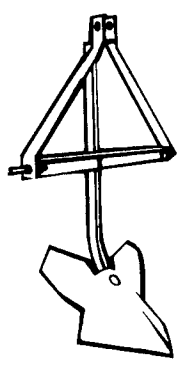

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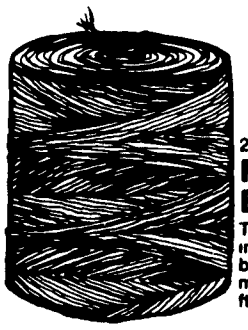

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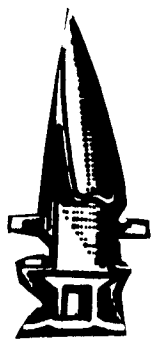

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Farm Talk

by

Jerry Webb

Delaware Extension

Ever since the phenomenal success of hybrid corn in boosting crop yields, plant breeders have been searching for ways to hybridize other crops. So far, they haven't had a lot of luck.

The hybrid corn story has been told and retold as one of the great success stories of agricultural research. Those plant breeders of the 1930's, who turned that period's 25 and 30 bushel corn yields into today's 100 bushels plus per acre, set the pace for others who followed. But the knowledge gained with hybrid corn isn't easily transferred to other crops, particularly soybeans.

It's been generally assumed that average soybean yields around 30 bushels per acre would increase dramatically if the hybrid process could be introduced. And that our national average would skyrocket the way of hybrid corn, if the plant breeders could just get it all together.

But it's not that easy, according to Randy Nelson, a University of Illinois agronomist, who recently completed a research project on hybrid soybeans. He says it's not just a matter of producing a hybrid bean, but producing one that is better than pure lines. He also points out that the hybrid corn success story didn't happen overnight. It was the result of 30 or 40 years of research, and Nelson says that maybe great soybean yields through hybridization will be possible in the future. But right now, the practical restraints are overwhelming.

A hybrid is an offspring of genetically unlike parents Hybrids are produced by interplanting selected male sterile and male fertile plants. Cross pollination of male sterile plants by pollen from male fertile plants leads to hybrid seed formation.

Two major obstacles prevent the commercial use of hybrid soybeans. First, soybeans are self-pollinated. That means that both the male and female parts are present on the same flower. Pollen that is produced by such a flower also pollinates that flower, so the first step in producing a hybrid is to prevent self-pollination. Then there's the problem of moving pollen from the pollen parent to the seed parent. The Illinois researcher says chemical, genetic, or cytoplasmic methods of preventing self-pollination in the seed parents is needed before hybrid soybean seed can be produced on a commercial scale.

In 1971, the first male sterile gene was found in soybeans and since then several more have been found. These genes prevent viable pollen from being formed. As a research tool, that enables scientists to get some plants that are male sterile. But with this method, at best only half will be male sterile and half fertile. So this requires pulling out at least half the plants, the ones that are fertile. To do this, a researcher has to look at the individual flowers of each soybean plant to see if they're shedding pollen. It's very time consuming and therefore not practical on a commercial basis.

Another method, cytoplasmic sterility, which exists in corn, may be discovered in soybeans, but that hasn't happened yet.

And even if a mechanism is discovered for obtaining male sterile soybean plants, there's the

(Turn to Page C3)

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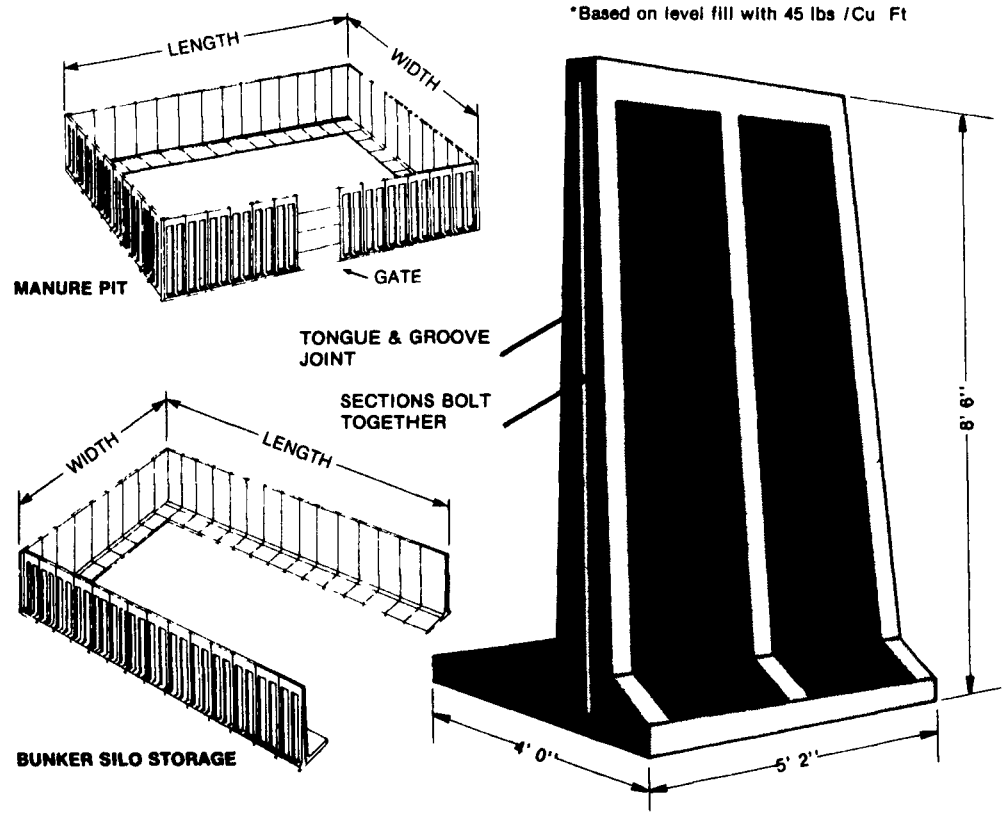
*Based on level fill with 45 lbs /Cu Ft



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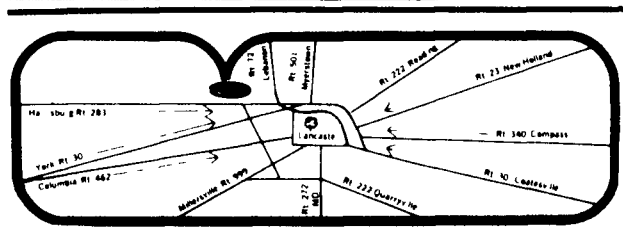

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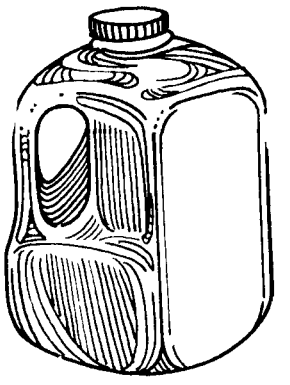

Farm Talk

(Continued from Page C2)

problem of getting the pollen from one plant to another Unlike corn pollen, soybean pollen is not carried by the wind, so another means of transportation must be found One hope for this that is being explored involves transferring pollen by insects, such as honey bees

The Illinois researcher has produced data on 37 hybrid combinations The best single year increase was less than 30 percent, and Nelson says the samples were too small to produce conclusive results In producing soybean hybrids, the plant expert points out that breeders are striving for increased yields Traits like disease resistance are often controlled by a single gene and are relatively easy to transfer in plant breeding Yield is a very complex trait and is more likely to be improved in a hybrid Potentially, he says, every gene in the plant has an effect on yield.

The way the seed is produced is dependent on the overall efficient functioning of the plant from the extracting of carbon dioxide from the air to water and nutrition from the salt, to the final conversion into complex carbohydrate oil and protein in the sea. Nelson says parents should be elected for their ability to produce good hybrids and not for their ability to yield as a pure line.

In other crop areas, researchers are working with hybridization and some are being grown commercially But Nelson thinks researchers are still down the road quite a ways from a commercial hybrid soybean.

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Rishel's Sales & Service
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Rishel's Sales & Service
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WELLSBORO
Benedict's Ford Tractor
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215/696-2990

MARYLAND

RISING SUN
AG-IND Equipment Co., Inc.
301/658-5568 or 398-6132

CHESTERTOWN
W.N. Cooper & Son, Inc.
301/778-3464

HAGERSTOWN
Arnett's Garage
301/733-0515

NEW JERSEY

ELMER
Roork's Farm Supply, Inc.
609/358-3100

FLEMINGTON
Poniatowski Bros., Equip. Co.
201/782-3514

HAINESPORT
Material Handling Systems
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HAMMONTON
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WIC
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US AGRI-SYSTEMS
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(301-398-2948) local

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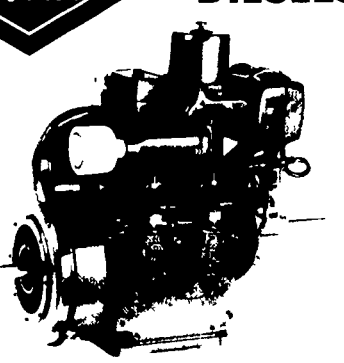
PETTER DIESELS



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Water Cooled Version Available

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2998 West Newport Rd
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PH: 717-786-2173
RD 3, Box 91A
Quarryville, PA 17566
2 miles West of
Georgetown on Furnace Rd

DEALER INQUIRIES INVITED

A-B-C

(Continued from Page C3)

G and H are for the good health
In each and every glass of milk;
Vitamins and minerals in liquid form
With a taste as smooth as silk.

I is for ice cream,
America's favorite frozen treat.
In a dish, in a cone, or on a stick,
It's fitness you can eat.

J is for Jack and Jill
Who went up the hill, then down.
But if Jack had been drinking his milk like he should,
He might not have broken his crown!

K-L-M - Why, kids like milk!
It's taste just can't be beat.
After school or after play
A cold glass of milk's a treat.

N is for the nutrients
In every type of dairy food·
Calcium, protein, and yes, ladies, fats!
Your body needs some of them too.

O is for osteoporosis,
A disease where your bones might break.
It can be prevented early, so drink your milk now,
For you and your skeleton's sake.

P is for the proteins in milk;
The building blocks that help us to grow.
Q, for milk's a great thirst quencher
For active kids on the go.

R is for the REAL seal.
A drop of milk that's red and white
Will tell you that product is real, not fake,
and good for you all right.

S is for substitutes;
Imitations just aren't as good to use.
T is for tried and true.
Look for the REAL seal, then you can't lose!

U is important, as in Y-O-U
Need four glasses of milk each day.
To keep healthy and stay in shape,
Dairy products will help you on your way.

V is for milk's vitamins:
Vitamin A and Vitamin B,
And one more added to store-bought milk
Is the sunshine, Vitamin D.

W is for your well-being.
If you want to be physically fit,
Don't believe those commercials. TV doesn't care!
It's not soda, but MILK is it!

X is for an X-ray machine
That shows your bones and teeth are strong.
Drinking milk and eating dairy products
You know you can't go wrong.

Y is for youngsters
Who need their milk each day.
Y is also for the young-at-heart.
As you grow older, you need for milk never goes away.

Finally, Z is for the Zoo
Or anywhere you might roam.
When traveling, either far or near,
Drink your milk like you do at home.

Well, we've covered every letter.
It there's any left, I don't know what it would be!
Our lesson's quite simple—REAL milk's the one!
Now that's as easy as A-B-C.

Roxanne Lea Gable, 1983-84 Perry County Dairy Princess, submitted this original poem about dairy farmers.

BUCKS COUNTY DHIA
April, 1984

The following is a report of the Dairy Herd Improvement Association for the month of April (Herds processed between the eleventh of one month and tenth of the following month)

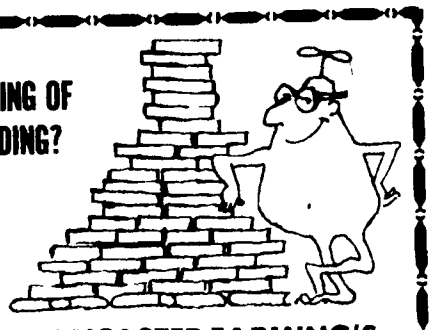
Lactation Report - 750 Pounds of butterfat and over

OWNER NAME OR NO	AGE	DAYS IN MILK	LBS MILK	LBS FAT
Walter & David Wurster Raquel	8 6	305	18 458	776
Robert Crouse June	5 9	305	20 007	793
Clifford W Moyer Elf	3 5	305	19 342	759
Roy Shull No 356	4 8	300	19 064	750
P&J Hallowell Barbie	8 4	305	23 288	952
Carl E Kresge Coralet	7 6	305	22 489	883
Wm&Eleanor Gunser Brenda	4 9	305	22 535	833
Stephen Gary Natali Star	3 11	305	19 062	783
Breezyvale Farms Heide	9 9	305	19 864	769
Alice	4-9	305	23 951	790
Raymond Gross Sandi	5 3	305	21 713	845
Delaware Valley College Lady	5 11	305	21 260	830
George&David Bishop Natalie	2 11	305	22 156	776
Carl Slack Carrie	5 5	305	20,165	845

OWNER	BRD	NO. COWS	DAYS MILK	LBS. MILK	LBS. FAT
J Howard Ruth	B3	34 5	87 2	19,746	732
Delaware Val College	3	38 4	86 9	19 571	714
Richard O Smith	2	68 9	89 6	14 988	710
Walter&David Wurster	3	60 0	89 0	19,864	708
David R Wolfinger	3	35 8	89 9	19,692	695
Breezyvale Farms	3	90 4	88 5	19,254	695
Ken&Virginia Hager	B3	50 1	87 5	19 090	690
Theodore S Wilson	B3	69 7	86 0	18,764	689
Paul L Bishop	B3	64 9	88 8	19 085	683
Raymond Gross	3	41 8	89 5	18 138	680
P&J W Hallowell	3	78 5	83 1	17 975	673
Delaware Val College	5	10 8	85 8	15,383	672
Wm&Eleanor Gunser	3	62 0	89 9	17 933	665
Bishcroft Farm	3	127 1	87 4	17 364	659
George&David Bishop	3	90 4	89 0	17 881	658
James Pavlica	3	40 6	89 9	17 798	656
Robert Crouse	B3	65 2	85 3	17 016	652

WASHINGTON COUNTY DHIA
April Report

Roy J Byers	24	62 5	17,081	650
Edgar Paul Pryor	91	61 2	18,034	715
F Ernest Barnhart	81	59 5	18,872	689
William H Price	71	59 4	18,691	721
Marlin Martin	38	57 5	19,329	710
Arthur G Rhoderick	125	52 1	17,291	668
Earl Grove, Jr	106	51 5	18,044	676
Lee B Worthington	121	49 7	17,601	681
Owen E Martin	51	47 9	17,605	690
Larry Neal Beard	46	47 0	18,339	711



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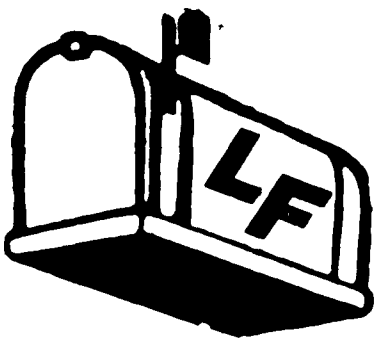


IMPORTANT: Be sure to include name, address, and word count
PLEASE WRITE CLEARLY

Please publish my _____ word ad _____ times
(Number of Words) (Number of Times)

starting with the _____ issue. Classify under _____.

I enclose _____.

MAIL TO:
LANCASTER FARMING
P.O. Box 366, Lititz, PA 17543

NOTE: Please do not use this form for Mail Box Market Ads, see instructions in Section B with Mailbox Markets.

DEADLINE: 9 A.M. THURSDAY OF EACH WEEK'S PUBLICATION

RATES: 20¢ Per Word, $2.40 Minimum Charge

For ads running 3 or more consecutive times with no change deduct 20 percent discount. (See rate chart at beginning of classified section for an example of discount.)

1	2	3	4
5	6	7	8
9	10	11	12-$2.40
13-$2.60	14-$2.80	15-$3.00	16-$3.20
17-$3.40	18-$3.60	19-$3.80	20-$4.00
21-$4.20	22-$4.40	23-$4.60	24-$4.80
25-$5.00	26-$5.20	27-$5.40	28-$5.60
29-$5.80	30-$6.00	31-$6.20	32-$6.40
33-$6.60	34-$6.80	35-$7.00	36-$7.20
37-$7.40	38-$7.60	39-$7.80	40-$8.00

BUY, SELL, TRADE OR RENT THROUGH THE CLASSIFIED ADS

PHONE: 717-626-1164 or 717-394-3047

The following categories are available for your classified advertising in Section C Deadline-Thursday morning at 9 of each week's publication

Farm Equipment
Silos & Unloaders
Buildings & Supplies
Grain Equipment
Dairy Equipment
Livestock Equipment & Supplies
Cattle
Horses & Mules
Sheep & Goats
Swine
Artificial Breeding
Hog Equipment & Supplies
Poultry & Supplies
Feed & Seed
Fertilizer
Plants
Fruits & Vegetables
Nursery
Lawn & Garden
Services Offered
Custom Work
Help Wanted
Situations Wanted
Business Opportunity
Autos
Recreational Vehicles
Notice
Lost
Found
Pets
Household
Miscellaneous
Computers

The following categories are available for your classified advertising. in Section B. Deadline-Wednesday afternoon at 5 of each week's publication

Real Estate
Trucks & Trailers

LOCAL CLASSIFIED ADVERTISING RATES

20c per word
2.40 minimum charge
Use This Handy Chart To Figure Your Cost

Words 12 or Less	1 Issue	3 Issues
13	2.60	6.24
14	2.80	6 72
15	3 00	7.20
16	3 20	7.68
17	3.40	8.16
18	3.60	8.64
19	3.80	9.12
20	4 00	9.60

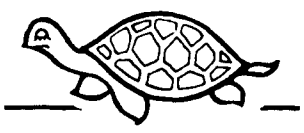
KEYED ADS (ads with answer coming to a Box Number, c/o Lancaster Farming) 50 cents additional

Ads running 3 or more consecutive times with no change billed at 20 percent discount.

This newspaper will not be responsible for more than one incorrect insertion of any advertisement

Lancaster Farming
P O Box 366
Lititz, PA 17543
717-394-3047
or Lititz
717-626-1164

DON'T BE SLOW



Call Now To Place Your CLASSIFIED AD
Ph: 717-394-3047 or 717-626-1164

FARM EQUIPMENT

8 row planter, International Model 58; AC F combine 1974, 13' grain head, w/generation, 3 floating cutting bar; Dryer-Farm Fan Model 350 batch grain dryer 609-259-3733.

JD Rollover Plow 5-16 semi mounted, $4,750; JD F 1450 5-16 semi mounted, $2,000; JD 1630 plow disc, $2,300 609-737-9317.

FOR SALE - Lockwood 2-row potato harvester model Mark 6. 609-448-1370.

Cultivators to fit Farmall-H with hydraulics, good condition, $200. Wayne Co. 717-937-4558.

For Sale - 1100 MF with dual outlets. 540 and 1,000 RPM shafts (powershift rims). Also #35 John Deere harvester with 1 row corn head, 1,000 RPM shaft. Blair County. Phone 814-793-3926.

FOR SALE - Ford Flail Mower 6' wide, very good condition. 215-693-3483 or 215-376-7664.

For Sale - JD 40 combine with pickup; JD 95 combine grain head, 3 row narrow corn head; Owatonna 35 self propelled windrower. Lyle Hobart, Tully, NY., 13159. Phone 315-696-5645.

For Sale - Rosenthal corn husker/shredder; 7' Ontario drill; JD 2 bot. disc plow; JD 2 row planter; JD corn binder; McCormick grain binder; NI rake; NI hay tedder. 301-824-2193 FR. Co. PA. After 5 PM.

FARM EQUIPMENT

32" Zimmerman Elevator, like new, JD F145 14" Bottom Trip-Semi-Mount with a Frame Depth Control, JD 660 Rake with Wheel, Like new JD Corn Planter 1240 Plate-type (NO RUST) 38" Rows 4 row w/markers. All equipment - Excellent Cond. Barn Kept. York Co. Lewisberry, PA. 717-938-3517.

AC 6 row no-till corn planter 600 Series, near new liquid fertilizer with insecticide boxes and monitor MF 129 10' chisel plow 3 point hook-up almost new, good 10' offset Miller disc. 717-995-6155.

For Sale - 930 lease tractor 4 bottom plows, 12' Oliver disk; Mojoinner milk 400 gallon tank; Marrieta Silo 14-40, $12,000. Howard T. Long Sr., 1020 Leds Road, Elkton, MD. 21921 Cecil County.

Wanted - usable used 100 gallon orchard spray. Call Tom Poulos. 201-361-6368.

Allis Chalmers CA Tractor. New paint, good rubber, runs good, $895 York Co. 717-235-2200.

1977 H Catapillar front end loader on tracks, good condition. 717-438-3354.

Allis Chalmers 4 row, no-till corn planter w/fertilizer and insecticide boxes, $1,200. 717-532-2599.

For Sale - Int. 203 Combine, 10' grain head. 717-328-2971.

NH TR70 Combine w/6 row 30" corn head and 15 ft. grain head. Call evenings. 301-845-6121.

For Sale - 1980 886D International Tractor with cab, air, radio, like new, 175 hours. Phone 412-459-6684.

IRRIGATION PIPE - used 6"x30', 5,000 feet, excellent condition. 717-532-9108.

Bobcat Skid Loader, $4,750.
DENNIS M. MILLER
Rt. 22, Grantville, PA
717-838-1888 anytime
717-469-0937 daily

For Sale - JD 2940, 2 yrs. old w/dual remote and roll guard, 1500 hrs. 215-932-2753.

Zimmerman 8-ton tag-along equipment trailer; Tandem axle w/electric brakes, good condition, $2,400; NH 268 Baler, very good condition, $1,500. 302-239-5043.

For Sale - 3020 JD diesel, 65 model, tricycle, good shape, $6400, new clutch. 717-653-5274. Lancaster Co.

384 Leyland turbo diesel 92 PTO horsepower, overhauled 4 years, Rearend and transmission gone over last year, all good tires, weights, excellent condition, $5500. Also Allied Loader, good condition, $1000. Prices negotiable. 4/65 Nuffiled diesel with heavy duty loader, $3500; Kvernaland 4-16" bottom plow, $450; 10' transport disc, $600; 2 roller cultipacker, $200; Ford 4 row 3 pt. hitch corn planter with new shovels, $450; John Deere 4 row corn planter on rubber, $300; Coop E-3 40 hp just overhauled new clutch, remote hydraulic, independent PTO, $800; International Papec portable feed grinder, good condition, $1800. Phone 717-865-2202.

Case 350 Diesel Dozer 6-way blade, 1973, nice condition, $7800. 215-837-6606 or 215-837-7516.

Combine IH 715 diesel 13' floating grain table 4 row corn head straw chopper. Air over sized tires front 23.1-26 back 12.4-1-16 stored inside, very good condition. 215-269-0855.

FARM EQUIPMENT

Gooseneck 24x8, top condition, low mileage creep feeders. 609-921-1777 or 921-1743

For Sale - Gooseneck tandem axle trailer, 8x14, 10,000 GW, $1,500 717-463-2394.

For Sale - JD 1209 mower conditioner, $2,500. 717-463-2394.

New Vermeer Round Balers 504G, $9,200.00, 504H, $10,200.00, 605H, $11,500.00. Franklin County, 717-597-3364 or 717-597-4296.

Int. 7' fast hitch sickle bar mower, complete. Cultivators for Super C. Call Hambrug. 215-562-4225.

Tandem 9000 Ford tractor w/290 Cummins 9 speed road ranger transmission. Smithco 25-ton trailer w/removable goose neck; 76 mag tri-axle dump, w/8,000 front axle, 44,000 rear axles, 6 speed transmission, low mileage. 977 H Cat loader w/ripper. Package Deal. IHC tractor single axle & 25 ton heavy duty Rogers LoBoy trailer. Onan 50 KW generator w/only 260 hrs., near new, runs on city gas. By changing carborator, you can use regular gasoline. 717-922-1437.

Super A Farmall tractor with cultivators, good condition, $2,595 or best offer. 717-665-9351.

For Sale - JD 3800 forage harvestor, new knives, two heads. Lehigh Co. 215-298-2381.

For Sale - JD 1050 diesel tractor, 1980 model, 325 hours, $6,900. 717-463-2394.

5 HP single phase, 80 gal. tank air compressor, $1,200. 717-397-1186 or 717-872-4762.

JD 4010 gas tractor, rebuilt engine, good condition. 717-532-7054.

VanDale 185 mixer wagon. Used 1 year Frederick Co. 301-371-9105 after 8 PM.

Cultivator for AC G Tractor; IHC 4-row, front-mounted, cultivator Model 68; NI Crimper; 56 4-row IHC planter w/dry fert.; IHC 100 3 pt. mower, 5' bar; tobacco planter; Ford 8N; JD M w/plow & cultivator. 717-786-3087

JD 3010, wide front, turbo, new paint, dual hydraulics, real nice, $5,900. 717-264-1154.

New Equipment For Sale. Landoll 10' chisel plow, 3 pt. hitch; Glencoe 10' and 12' field cultivators. Call 215-395-2102.

FOR SALE - Case backhoe attachment, SD-130, will fit skid steer loader, $2,400. 717-537-6258.

Gehl Silage blower model FB-87, excellent condition, priced right. Call 814-632-8542 or 814-684-2438.

For Sale - JD 6600 Sidehill combine. Hydro, Air, Monitors, Duals; 643N corn, 215 rigid grain heads. 215-827-7105.

For Sale - Vermeer twin bar rake model R21 (never used). List $7,350.00. Sale price $5,500.00. Bence's Farm Equipment, R.D. #2, Bedford, PA. Phone 814-623-8601.

David Brown 1200 tractor, rebuilt clutch and completely rewired, engine in good shape, Model 1967-68. Daniel Yoder, Rte. 30 East, RD 2, Gap, 17527.

WANTED - one-row potatoe harvester, in good condition. Call 914-258-4310.

1930 John Deere GP, $1500 (Good); 1937 John Deere L, $1000 (Good), restored & painted 2 years ago. Phone 717-746-1337.

FARM EQUIPMENT

FOR SALE - White 4-row air planter, liquid fert., real nice condition; 2 Vermeer 605 round balers, 1,000 lbs. & 1,500 lbs. Phone 301-334-9060.

NH 852 round baler, new still in dealer warehouse Phone Carlisle 717-243-1281.

York 8' stone rake w/2 pt. fast hitch adaptor. 215-666-6726 Sat. & Sun Only.

For Sale - 1469 self-propelled haybine with Wisconsin motor, avg. condition, $2,800. No Sunday Calls. Lanc Co 717-786-3782

WANTED - Cobey forage wagon for parts. Need gear box, IHC 31 manure spreader wheel. 301-334-9060 or write Ernest Schrock, Rte. 1, Box 32, Oakland, MD. 21550.

AC 190XT cab, heat, new paint, beautiful new clutch, rebuilt power director and hydraulic pump. With or without great bend 880 loader, HD bucket. Evening calls O.K 717-376-2116 Tioga Co.

FARM EQUIPMENT

For Sale - Farmall BN; 5' Wood Cadet PTO Mower; NH Baler w/2 cylinder Wisconsin engine in A1 shape, 2 Horse Trailer. Call after 5 p.m 717-687-6640.

1 American automatic grain dryer w/3 phase electric converter, cheap, 1 - 3 pt. hitch snaper, $90; 1 flat hay wagon, $125. Lehigh Co. 215-298-2529

IH 315 combine w/cab, Dickey-John monitor, hydrostatic drive, 3 row corn head w/central lube, 14' grain head, $2,900. 201-782-4439.

Super C 2 pt. fast hitch; 72 IH blade front or center mount; 2C-32 IH loader; York 8' stone rake w/2 pt. fast hitch adaptor. 215-666-6726 Sat. & Sun. Only.

Int. 440 custom hay baler, $3000; MF 6 bar hay rake, $900. Both in good condition. 201-875-4355. No Sunday Calls.

Allis C. 190-XT gas, 1685 original hours, mint condition. Must be seen to be appreciated. Asking $5,500. 717-345-8983 or 717-345-8434

BOMBERGER'S

Bug off with a Mighty Mac sprayer

Model PS 322T

It's versatile, and easy to use for spraying lawns, shrubbery or trees with pesticides, fungicides and fertilizers, great for weed control. Heavy duty 22 or 50 gallon tanks are corrosion and scale proof 3 h p engine with piston pump delivers 3 gpm at 300 psi through adjustable nozzle for spray or jet. 25 foot pressure hose lets you cover lawns, gardens and small orchards, and reach tops of 25 foot trees

• Monday, Thursday, Friday 'til 9:30
• Tuesday & Wednesday 'til 6:00
• Saturday 'til 5:00
717-665-2407

Elm, PA

WE SHIP UPS OR PARCEL POST

Bomberger's

LANCASTER SILO CO.
2008 HORSESHOE ROAD LANCASTER, PA 17601
WE MANUFACTURE AND BUILD "LANCASTER" CONCRETE STAVE FARM SILOS

DID YOU KNOW?

5 YEAR SILO DEPRECIATION

IMPORTANT!!!

The Economic Tax Recovery Act of 1981 makes it more advantageous than ever to buy a new concrete tower silo this year! Now you can completely depreciate the structure in only 5 years! Not over 12 or 25 years as in the past

Faster depreciation means Uncle Sam takes less of your hard earned profit And a lower tax bite means more money in your pocket

And a new concrete silo qualifies for a 10% investment tax credit, too

LANCASTER SILO CO. OFFERS MORE FOR SILO CUSTOMER IN 1984
- EARLY ORDER SAVINGS
- EARLY DELIVERY SAVINGS
- EARLY PAYMENT SAVINGS
CALL US - WE WILL SAVE YOU MORE ON SILO AND SILO UNLOADER PURCHASES.

VAN DALE AND SUPREME SILO UNLOADERS PURCHASED DURING SPRING SEASON - CASH DISCOUNT -or- WILL TRADE YOUR OLD UNLOADER IN WORKING ORDER. WORTH UP TO $1000.00

DEALER INQUIRIES FOR LANCASTER SILOS AND LANCASTER EQUIPMENT-CALL NOW

FOR QUOTATIONS-CALL 717-299-3721

FARM EQUIPMENT

Int. hydro 544 tractor; Int. hydro 70 tractor, int. corn planter 800, 4 row, air; Surge milkers, 8 unit, automatic takeoff - complete. 304-267-8887.

Acorn Monster manure pump complete 10 H motor and controls, three Jamesway Shuttlestroke barn cleaners with new gutter rod. 717-529-2822.

For Sale - David Bradley hay rake, $100; also 3 pt. hitch two row cultivator. 717-682-9391.

FOR SALE - Hesston 1010 hydro swing haybine, 9' cut; NH 256 Rake; New NH 488 haybine, 9' cut. 717-933-8134.

For Sale - Twin-disc clutch 11" No. 2 bell housing. 215-683-7230.

For Sale - 60 KW generator, low hours. Call 301-885-5368.

For Sale - Case 1000-D Terre Trac loader, working, (1) for parts buy (1) get (1) free. 215-598-7638.

1978 Dodge 150 SE-Prospector. Loaded. Excellent Condition. 717-426-3135.

For Sale - 1984 Honda ATC, big red, new condition. 717-426-3135.

2 used Myers Mity-Mist sprayers. 1 good, 1 very good condition. Lester A. Singer, Ronks, PA. 717-687-6712.

AC 185D new 100 hrs., 38" tires, excellent condition; AC 170G with loader, very good condition. 201-875-9805.

AC 7060 1981 400 hrs., power shift, 20.8 tires, with large bucket loader. 201-875-9805.

AC 220 2000 hr., cab, good condition, 18.4-38 tires, 18.4-38 clamp duals, 20.8-38 J-Bolt duals. 201-875-9805.

New Holland Baler with kicker and power aim. Good condition. 717-582-2352.

For Sale - Int. 56, 4 row corn planter, real nice, $1,900; Little Giant 28' transport grain elevator, real nice, $500. 607-748-4283.

For Sale - JD chopper 3940, 2 heads, excellent condition. 717-864-3792.

For Sale - Like new Badger bale chopper, 3 HP, electric. 717-789-3070.

Wanted - Oliver Side Dresser, complete. 609-461-6041.

Grimm hay tedder ground drive, 3 yrs. old, excellent condition. 717-949-3074.

FOR SALE - Farmall 504, gas; JD 60; IH 47 baler w/thrower; IH 7' haybine; MF 5 bar rake; NH 36' elevator. 215-562-4464.

MF 510 diesel combine, 4 row, 30", 15' grain, new rubber & motor, sealed ready. North Cumberland Co. 717-648-0027.

For Sale - Two reconditioned 250 gal., 25' foldup boom sprayers. Completely ready to go. 717-687-0102.

708 Uni, 717 combine, 713 flex head (did 140 acres), 744-W corn head with feeder house. 717-637-2251 day, 637-5270 nites.

Oliver OC4 tracks in excellent condition. Also rebuilt rails. Stratford, CT. 203-375-7491.

For Sale #931 New Idea stripper plate corn head, 4 row, good condition. Wanted #938, 4 row stripper plate corn head. Call 304-249-5694 after 7 p.m.

FOR SALE - 1160 Case Combine; 13' grain table; 4-row 30" corn head in operating condition 717-682-3666.

McCormick Hay Conditioner - A-C roto-baler, McCormick 80 combine, all stored inside and in good condition. 717-398-1459.

955 L Cat/85 J 7846/good undercarriage, GP bucket, asking $35,000. Call Nick 301-879-0563 or after 6. 717-456-7497.

IH 500 crawler loader; Farmall 200; Bearcat grinder mixer; Field sprayer; 12' harrow Lanc Co. 717-733-0059

MF 65 gas, new rubber, $2,700. 814-793-4293.

MF 65 diesel, excellent condition. 814-793-4293.

Oliver 1955 cab and air. 814-793-4293.

JD 2020 diesel w/48 loader, power steering, new clutch, nice outfit, $6,900. 717-264-1154.

Oliver 1755 diesel, 3 speed over and under, dual hydraulics. 814-793-4293.

NH 354 mixer grinder, good condition, $2,600; JD 4020 fenders, $225. 215-756-6259.

Ingersoll Rand pump, 4SC, G.P.M. 600, T.H.E. 323, RPM-3550, Hyd T 375, $600. 215-273-2612 after 4 PM.

For Sale - Cat D9G Dozer w/Ripper; 8' Spreader Box; JD 450 Crawler/Loader. 717-933-5734.

NI 710 Combine; 713 Grain Head; 729A Sheller; 730 Corn Head, excellent condition. Best offer. 301-922-5180.

Patz left hand gutter cleaner, good shape. Kelly Wasser, Benminster, PA. 18910. Bucks. 215-795-2396.

FOR SALE - Balers Ford 532 with T500 thrower MF #10. Berks Co. 215-682-7075.

Massey Harris 30 parts for sale. Wayne Co. No Checks. 717-937-4558.

Farmall H parts for sale. No Checks. Wayne Co. 717-937-4558.

JD 430 Loader Parts For Sale, No Checks. Wayne Co. 717-937-4558.

FOR SALE - NH 77 Baler; good condition, Wisconsin Morto., $400. Hershey. 717-533-7021.

JD 227 corn picker with 50 sheller; JD 3 pt. hitch 150 gallon boom-sprayer. 215-489-7044.

2 hay feeders, $75 each; 1 JD A-20 corn cultivator, $350; 1 10' E-Z flow spreader and 1 9' offset transport disc with cylinder, $400. 215-356-5305.

FOR SALE - 2-row JD tool bar, $250. 814-487-5139.

For Sale - Horse drawn 456 New Holland mower, 310 New Holland Baler. Adam Byler, R2, Box 187C, Howard, PA. 16841.

For Sale - JD 6600 Sidehill Combine, cab, a/c monitor, weights, straw spreader, bin extensions with 213 grain and 444 corn head. Always shedded, field ready, priced to sell. 215-298-2774.

6600 Ford Tractor, 231 Ford LCG mowing tractor, 674 International Tractor, Brillion Cultipacker Mulcher. Phone 215-646-2096 or 215-646-2090.

Dunham 7' cover bucket for manure bucket; 400 egg incubator. 717-532-9570.

1850 Oliver diesel wide front, dual hydraulics, 7-tooth chisel, 3 pt. 215-589-5394.

FOR RENT - 849 NH round baler. Beat the rain; try some round bale haylage. Bags available. Clip and save this ad, bale your fodder this fall. Prefer to stay within 20 mile radius of Quarryville. 717-786-3964.

Case 1070 diesel, 400 hrs. since complete overhaul, cab, turbo; Gehl CB600 chopper; hay pick up; 2 row corn head; Gehl 72; Flail 10 KW generator; 20 ft. steel dump trailer; Ford F700 tractor; Woods C80 rotary. 609-298-9289.

Wanted - used wide front end for Ford 6000 Commander. Call 717-596-2966.

For Sale - John Deere 620 tractor, 3 point hitch, power steering, live hydraulics. Asking $2,350. 717-248-2763.

For Sale - 12' Bear-Cat cultimulcher, like new, $1,900; trailer to haul car with ramps, $995. Leb Co., 717-273-6018 after 5 PM.

For Sale - Farmall Super A tractor with hydraulics, $1,200 717-768-3197.

For Sale - MF 750 combine w/four row corn head. Perkins Diesel. AC 500 hours. Just overhauled. A honey of a machine. Asking $39,000. American fully automatic grain dryer, model #1503AF. Continuous feed, 1400 bu./day. Just load it up and let 'er rip, $2500. MF 1085 Diesel tractor. 81 HP, 2187 hrs. Needs front tires, otherwise in excellent shape, $7900. White model 543 four row pull type planter w/monitor. Adjustable, now at 38", liquid fert., corn discs replaced 400 acres ago. Priced to sell at $2500. Tye drill, 8 row, 440 acres. A steal at $4000. Only 42,000 miles on 1968 IH 10-wheeler. Dump, Harsch hoist. 44,000 lbs. cap. V 345 Int. gas engine. Great farm truck. Asking $7200. Three transport augers. One 41' Allied 6" w/PTO, $450. One 42' G.T. 8" w/PTO, $675. One 35' Allied 6" w/3 HP motor, $500. Stainless steel tank, 500+ gal. cap, $275. Plastic nurse tank. Make an offer. Call (717) 589-3826 after 6:00 PM or on week-ends. Ask for Rosemary.

For Sale - Generator, 4 cylinder, O'Keefe Merritt model N15, 15 KW, 220/127 volts, 3 phase 4 wire, 49.2 amps per leg, $650 or best offer. 215-542-7980 or 215-646-9057.

JD 494 corn planter with disc openers. 301-833-1847.

JD 4320, side console, dual hydraulics, diff. lock,II bar, nice, $8,900. 717-264-1154.

JD 4430, cab, air, new 38 rubber, 3,400 hours, nice, $12,900. 717-264-1154.

JD 3010, wide front, turbo, new paint, dual hydraulics, real nice, $5,900. 717-264-1154.

For Sale - 2 IHC 295 corn planter units, tool bar mount, like new, $250 each. 717-687-0102.

For Sale - JD 2640 hi-low rollbar canopy, 1700 hours, excellent condition, $11,500. 301-833-9091.

T-D 14 Parts. For Sale. Wayne Co. 717-937-4558.

TD-9 Parts For Sale. Wayne Co. 717-937-4558.

For Sale - JD heavy duty plow disc model 1640, 16', nice shape, $4,800; 24' Gooseneck stock trailer, $2,200. 201-859-2616.

For Sale - Tractor White 2-135, 137 h.p., cab, a/c, AM-FM, 540/1000 PTO, diff. lock, 20.8x38 duals, full weights, quick hitch, field ready, excellent condition. Priced to Sell. 215-298-2774.

For Sale - New H & S 8x18 bale rack with 8 ton gear, complete, $1,250. 717-768-3197.

IH model 1486; IH #55 chisel plow; IH 315 packer mulcher; IH offset cut harrow 13' 8" wide; IH wing cut harrow 17' 5" wide; IH 1460 combine 15' grain head. 609-299-5045 or 609-678-5606.

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FOR RENT - IHC 5-16 bottom automatic reset moldboard plow. Call now to assure availability when needed. Quarryville. 717-786-3964.

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For Sale - NH #310 baler with thrower and hydraulic angle. Excellent condition. Also 2 hay wagons, 18' & 20' beds, with front and side doors. Oliver 77 Diesel, new paint and tires. Live PTO hydraulics, in top condition. Call Lancaster Co 717-733-3305.

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Lancaster Co.
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Cub Low Boy w/snow plow, sickle bar and 4' Woods belly mower
Tractor repainted, new rings and valve job, $3,200.
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(717) 442-8972

IH 856 Diesel with roll guard, original paint, like new. 814-793-4293.

JD 3010 Diesel, completely over-hauled, new paint 814-793-4293.

Oliver 1850 diesel, dual hydraulics, wide front 814-793-4293.

JD 4020 power shift, dual hydraulics 814-793-4293.

IH 1466 cab and air, dual hydraulics, like new. 814-793-4293.

JD 4320 wide front 18.4-38 tires, dual remotes 814-793-4293.

Minneapolis Moline G900 Diesel, orignal paint, like new 814-793-4293.

JD 4010 Diesel, wide front, excellent condition. 814-793-4293.

JD 4230, 4 post roll-guard, dual outlets, excellent. 814-793-4293.

JD 4020 side console real clean, low hours 814-793-4293.

Ford 5000 Diesel, dual outlets, standard transmission, late model 814-793-4293.

MF 1080 diesel, wide front, multi-power, dual hydraulics. 814-793-4293.

IH 656 wide front 3 pt. 814-793-4293.

JD 730 diesel, electric start, wide front, 3 pt. 814-793-4293

Oliver 1850 diesel, dual hydraulics, wide front, 814-793-4293.

IH 1066 cab, dual outlets, 3 pt. 814-793-4293.

JD 4430 power shift, dual hydraulics, 4 post roll guard, 38" rubber, 814-793-4293.

For Sale - JD 2020 diesel utility tractor, hydraulic remodes and 16x28 rubber, high/low, good condition. Lancaster Co. 717-354-6712.

FOR SALE - rotary mower, 6' trail type with overrunning clutch, new condition, $800. York Co. 717-938-6318.

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For Sale - Farmall M Tractor with wide front; 110 IH hyd. sickle Mower; Cultipacker. All extra fine condition. 201-741-8109.

For Sale - Gleaner model E combine, $2,500. Farmhand forage wagons, $600. Oliver 4x16 reset plow, $1,050. 215-682-6429.

JD 327 haybaler with kicker; 279 NI conditioner; Deutz Fahr hay rake, model KS80. 717-836-2788.

MF 1100 diesel dual hydraulics, 38" rubber, 814-793-4293.

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IHC horse culti.
JD 999 cornplanter
JD #7 Big 4 mower 7'
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IHC #9 mower 7'
NH 55 Hay Rake
NI 751 & 752 Crushers
Oliver 2 row potato planter
TOM WHEARY
Lancaster, PA.
717-687-0102

Oliver 1750 w/3 speed over and under year round cab. 814-793-4293.

AC D21 Tractor with 7' bottom plow; AC F combine 1974, 13" grain head with generation 3 floating cutter bar; IH model 58 8 row planter; 4 row cultivator for AC tractor back mounted; Farm Fan model 350 batch grain dryer, 609-259-3733.

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For Sale - Transplanter 2 row NI; Vibra Shank harrow 16 ft.; John Bean air blast sprayer, 500 gallon row crop; Oliver sprayer, 400 gallon. Call 717-587-1428.

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5½' Brillion packer/seeder
Lely spin spreader
6' scraper blade
IHC #100 blanced mower
Ford 2 row cultivator
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Cat D9G Dozer w/ripper, very good condition. 717-933-5734.

8' self contained cinder or fertilizer spreader; IHC 125C Crawler/Loader; Ford 550 Backhoe/Loader. 717-933-5734.

Ford 4500 Backhoe/Loader; Davis Walk-behind Trencher. 717-933-5734.

JD 3020 console, standard shift, 72 model. 814-793-4293.

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Lancaster County

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MF 1155 w/cab & air
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AC 4 row 600 No till cornplanter
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Ford 750 Tractor,/ Loader,/Backhoe, cab
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AC WD
AC D17 Tricycle
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IH 784
AC 5040
6600 w/Cab
6600 w/Factory Cab
7710 1 yr. old, 400 hrs.

1700 4WD

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IH #27 Baler w/#10 Thrower
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MF Massey Ferguson

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MF 50 Tractor w/Loader & Backhoe
Ford NAA Tractor
MF 760 Combine w/Attchs
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NH 320 Baler w/thrower
NH 315 Baler
NH 269 Baler w/thrower
NH 510 Manure Spreader
NI 213 Manure Spreader
Hesston PT10 Mower Cond.

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MF 285 Tractor
MF 245 Tractor
MF 1030 Tractor
MF 1010 Tractor
MF 20 Turf Tractor
MF 236 Loader
MF 236 Loader to fit MF 184-4 Tractor
MF #43 2B Plow
MF 820 Disc Harrow
MF 320 Disc Harrows
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MF 227 Scraper Blade
MF 18 Scarifier Scraper Blade
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JD 2640 Tractor
JD 650 Tractor
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Oliver 1950 Tractor
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JD 7000 4R Consv. Planter w/liq. fert.
JD 1240 4R Plateless Corn Planter
NI 325 2R Picker Sheller
NI 323 1 Row Corn Picker
JD 3800 Chopper w/2R corn head
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Taylorway offset Disc
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John Blue 1000 gal. Nurse Tank
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JD 7700 Combine
JD 7700 Combine w/643 Corn Head & Platform
Gleaner A Combine
JD 244 Corn Head
NI 279 Cut/ditioner
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JD F145 5B Plow
IH 5B Plow
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AC 160 w/900 hrs.
AC D15 3 pt.
David Brown 1200
Case VAC 3 pt.
JD 4010 WFE
JD 2640 w/canopy
JD 520 3 pt., PS
JD 60 PS, LPTO
JD 4400 G Combine
MF 175 D 8 speed
MF 235 G PS
MF 33 Grain Drill
Ontario Grain Drill
NI Hay Rake
Ford 5B Spring Reset Plow
Ford 309 Planter
NI 206 Spreader
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MF 3525 Tractor
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MF 228 Balers
MF 216 Loader
MF 725 Mower Cond.
MF 925 Mower Cond.
MF 233 Disk
MF 860 Combine
MF 1163 Cornhead
NI 660 For. Harv.
NI 351 Spreader
NI 352 Spreader
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435 Conservation Chisel Plow

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FB 99 Blower
FB 1580 Blower
MC 2160 Mower Conditioner
CB 1000 Harvester with HA 1100 Pickup
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AVCO NEW IDEA

NEW IDEA-
406 Rake
507 Mower Conditioner
509 Mower Conditioner
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KUHN-
17' Gyrotedder

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Reconditioned 214 w/217 Spreader
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NI #224 Ton Spreader
NI #245 Spreader
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Super A Farmall
AC B

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AC 220
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NH L35 Skid Loader
Gehl 2500 Skid Loader
NI 214 Spreader
Starline Tank Spreader
NH 36 Crop Chopper
AC 390 Mower Conditioner
NI 279 Cut/ditioner
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Windrower
$6,750

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Farmall Super MTA
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Ford 9600 Tractor
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Amco Terrace Disk
IH 20' Wing Disc Harrow
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NI 109 Fertz Spreader
Noble 25' Field Cultivator
Hesston 1014 Windrower
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White 8600 Combine, Dsl Hydro, Air
NI 709 Uni 4WD w/838 Husk Unit
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1068 Haybuster No-Till Drill (Demo)
Fox 728 2R Corn Head
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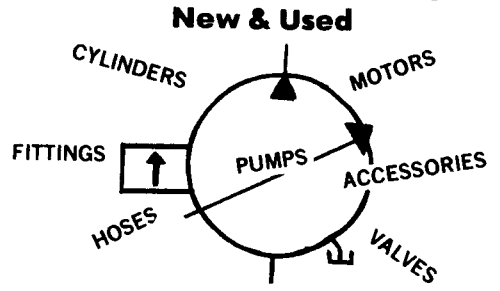

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1420 Combine with 810 head

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NI 521 Sycle Bar Mower
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Gehl 72B 6' Flail Chopper 2 row 3 pt. cultivator w/shields
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1-JD 2240D Tractor w/Enclosure
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1-IHC W6 Tractor
1-IH 140 w/Cultivator
1-Ford 8N Tractor
1-Ford 1100 D Tractor w/4 Wheel Drive
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1-JD 443 4 Row Corn Head
1-Used JD 800 Self Propelled Windrower
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1-Used JD 14T Baler
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- Case 1816 B Skid Loader
- Case 450 Crawler Loader
- Case 450 Crawler Dozer
- Dunham Lehr No 22 Loader
- Int 3200 Skid Loader

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- Case Disc Harrow 10'
- Oliver 2 Bot Trailer Plows
- MF 3 Bot Plow
- Used Cultipacker

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- NI 709 Uni System
- NI 316 Husker
- NI 315 Sheller
- NI 729A Sheller
- NI 767 Super Chopper
- NI 735 Cornhead
- NI 323 1 Row Corn picker
- NI 325 2 Row Corn picker
- NI 324 2 Row Corn picker
- IH 550 Harvester
- Case 300 Harvester
- NH 717 Harvester
- Gehl 1200 Harvester w/pickup and 2 row cornhead

HAY EQUIPMENT
- NI 279 Cuditioner
- NH 479 Windrower
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- Hesston 1090 Win drower
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- IH 275 Spreader
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JD 3020
AC D15
AC D14
JD 2640 Like New
JD 4040 w/Cab
IH 1566 w/Cab

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AC F w/13' Platform
AC K2 2 Row Corn Head 10' Platform
AC N5 Rotary
AC N6 Rotary

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JD L Tractor w/Plow & Cultivators
JD 50 Tractor
JD 60 Tractor
JD 2440 Tractor 1700 Hrs. 1979 Model
JD 4020 P/S 1968 w/Cab
Kubota - L185 - w/L59 Woods Mower & Snowblade, 992 Hrs. 1980 Model
IH 1086 Tractor - 3116 Hrs. 1977 Model
JD F350 4x16 Power Reset Semi-Mtd. Plow
JD F145A - 5x16 Semi-Mtd. Plow
(2) JD 494A Corn Planters
AC 7 Row No-Till Bean Planter
IH 56 4 Row Planter
(2) 150 Gallon Saddle Tanks w/8 row 3 pt. Boom, ideal for side dressing
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10 ft. Drag Harrow
IH 13 ft. Roller Harrow
JD 7 ft. Killifer Offset Disc Harrow
JD TWA 11 ft. 24 Blade Plowing Disc Harrow
JD 567 Wheel Rake w/6 Wheels, Like New
Ford 5 ft. 3 pt. Rotary Cutter
Sauder Loader for JD 2010 Utility
JD 148 Loader
JD 34 Spreader
JD 8300 21x7 Plain Grain Drill w/DD-Openers
JD FB-B 17x7 Drill
NH 355 Grinder Mixer, Excellent
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JD 444 Corn Head, Like New
JD 7700 Hydro Combine
JD 3300 Combine 1976 Diesel Engine w/13 ft Platform
JD 244 Corn Head

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JD 215 12 ft. 10 in. Disk Harrow

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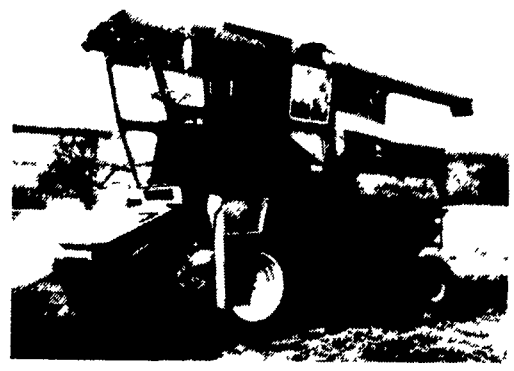

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JD 85 SOLD
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JD 1050
JD 2350
JD 2750
JD 2950
JD 4250 SG, PS
JD 4450 SG, PS, MFWD

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JD 235 19'11" Disc
JD 115 10' Disc
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 415 Rotary Hoe

HAY TOOLS
JD 1219 Mower Conditioner
NH 28 Blower
NH 489 Haybine
NH 38 Crop Chopper
NH 451 Mower
NH 256 & 258 Rakes
NH 782 Harvester

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JD 1065, 1075 Wagons
Century 500 Gal. Sprayer
DeLaval Manure Pump
Fahr KH500AS Tedder
Lamco 18' Bale Body
NH 355 Grinder-Mixer

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JD 215 Flex Platform
JD 643 Corn Head
JD 6620 Combine
JD 213 Flex Platform
JD 444 C. Head
JD 4420 Combine

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JD 8200 18x7, 21x7 Plain Drills

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JD 1240 Planter w/Dry Fert.
Pittsburg 4 Bottom Plow
Pittsburg 12' Disk Harrow
JD 8300 Soybean Drill 16x10
IH 1440 Combine w/13' Platform & 4RW Corn Head
JD 4020 Tractor
NH 791 Manure Spreader
AC K2 Combine
JD 643 Corn Head
JD 244 Corn Head
Fox 3000 Fg. Harv.
Lely Roterra 13'6"
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IH F350
IH I-460 w/Loader
IH F460D
IH F460 Gas
IH F826D
IH 234D
IH I-544 Gas w/Loader
IH Super C w/Cult.
JD 1010
JD 2440 w/Loader
MF 65D w/Loader
MF 150 w/Loader
AC WD 45

Spreaders
IH 530
NH 679
Hawk Built 187 Spreader

Plows
IH 211 Plow
IH 311 2 Pt.
IH 312 Plow
IH 560 Plow
IH 550 Plow
IH 531 Plow
IH 540 4F, 14"
IH 3F Mtd. Disk Plow
IH 5500 Chisel Plow, 7 Ft., 2 Rank
Taylorway Chisel Plow

Combines
SP IH, Model 205 Corn & Grain
SP IH #91
SP MF #35
MF 510 w/43 Cornhead
NI 710 Uni Combine
NI 725 Cornhead
IH 743 Cornhead

Cornpickers
IH 234
NI 325 2-Row, 30"
Oliver 1-Row

Tillage
IH 8 Ft. Disk
IH 45 Vibra Shank, 18½'
IH #24 Offset Disk
Dunham 12' Cultimulcher

Skid Loaders
IH 2001
Bobcat 543
Bobcat 600
Bobcat 642
Bobcat 700
Gehl 3000
Schwartz
Dunham

Miscellaneous
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200/300 Gal Sprayers

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IH 122 Cadet w/Mower
IH Cadet 80
IH 60 Riding Mower
MF 7 w/Mower
MF 12 HP w/Mower
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JD 110 w/Mower & Snow Blower
P.K. 2418 w/Equip.
Ford LT75 w/Mower
Bolens 14 Hp.

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IH 400 Cyclo 4R
JD 1250 6R
Ontario 13x7
IH 449 4R
IH 56 2 Row
IH 56 6 Row
Vicon 600 Seeder
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JD #6 For. Harvester
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IH 51 Forage Box
NH 23 Blower
NH 478 Mower Cond.
IH 990 Mow. Cond.
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IH 445T Baler w/Thrower
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JD 1050 4 Wheel w/Loader	$ 9,500
IH M Diesel	$ 1,200
Ford 8N w/Blade	$ 2,500
JD A	$ 1,100
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77 JD 6600 Sidehill w/Cornhead	$29,000
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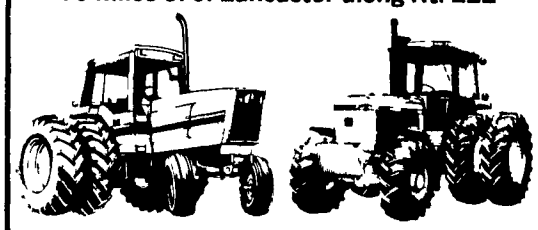

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- 2871 IH 1466 w/cab, new paint
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- 5163 IH 1086 w/cab
- 2845 JD 4430 w/cab, duals
- 2755 MF 1805 4WD duals
- 5170 NH 775 skid steer loader
- 3196 Steiger ST 325
- 5278 IH 826

COMBINES

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- 5120 JD 7720 w/4WD, chopper
- 3053 JD 7700 w/chopper
- 3059 JD 7700 w/chopper
- 2622 JD 7700 w/chopper
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- 3058 JD 7700 w/chopper
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- 2108 IH1480 reconditioned
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- 5277 IH 55 chisel plow
- 5312 IH 295 planter units
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- 5314 IH 470 Disk
- 5272 Miller 14' Offset Disk
- 1550 AC 2300 disc hyd. fold 20'
- 3111 Agrotec 200 gal. 30' sprayer
- 1657 Case K23 disc harrow 24'
- 5121 Dunham-Lehr 29' crowfoot packer
- 5117 Ferguson chisel plow 13 shank
- 395 Glencoe 14' soil saver
- 2202 IH 470 disc 18'
- 2763 IH 620 tandem full press drill
- 3098 IH 5100 drill w/dual hitch
- 5006 IH 440 baler reconditioned
- 5026 IH 1190 mower conditioner
- 5152 IH 200 cultivator
- 2872 JD 7x18 double disc drill
- 5083 JD 230 disc 24'
- 5045 Krause 2143 disc 42'
- 2762 MF 7x18 drill
- 1512 Miller 8500 offset disc 26'
- 1385 Sunflower G-3-20 offset disc
- 2375 Tebbin sub-soiler
- 5241 Wil-Rich 2400 MP Plow, 7 Bottom
- 5216 NH 479 Haybine
- 5164 NH 479 Haybine
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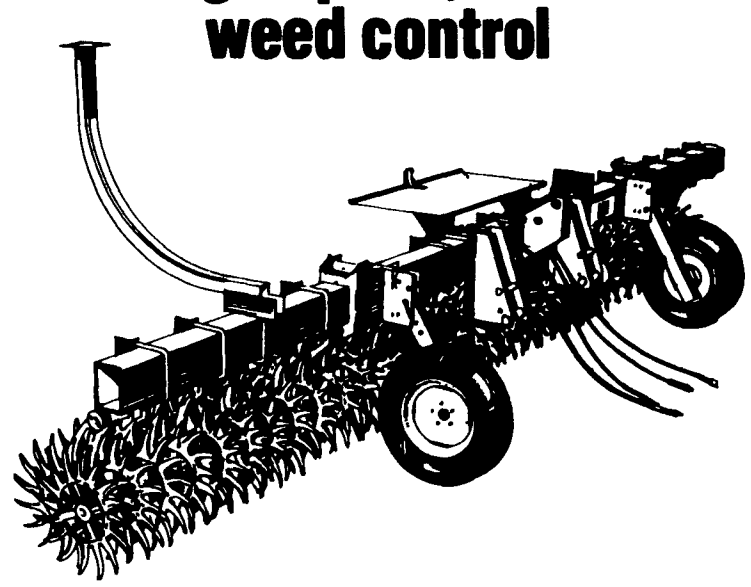

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JD 430 Round Baler

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IH 584
IH SOLD
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IH 484

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IH 480 disc, new blades, w/cyl.
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NH Super 717 Chopper
NH 368 Flail Spreader, $950
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IH 350 Diesel, fast hitch, power steering
NH 425 Skid loader, like new, 450 hours
Farmall "M" w/1701 loader
IH 850 Grinder Mixer
NH 479 Haybine
IH 990 Haybine
JD 1209 haybine, late model, exc
JD 2 row 3 pt planter
(2) Flat Bed Hay Wagons
JD 3010, very good
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IH 440 Baler w/thrower
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Set of complete Deluxe fenders for '74 and '84 Series Utility Tractors
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JD 34 chopper, new knives
JD A, new crank shaft

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JD 420 tractor, WF, sharp
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Used JD 443 cornhead, like new

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18' transport harrow
MF 3-14" mounted plow
JD 2 btm. trail plow
JD BWA disk harrow 12'
JD 125 4-16 mtd. $795
JD 2 btm. mounted plow

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IH 56 4 row insecticide, nice, reduced to $1,300
JD 494A 4 row
4 Row Oliver-White 540 planter

HAY & FORAGE

NI forage blower $795
IH 440 baler w/thrower, $3,000
JD 38 forage harvester w/2RC
JD 800 SP windrower, 10', good condition, $2,750
#8 Model NH Forage Wagon w/8 ton running gear w/3rd beater & roof
JD 16A flail chopper, very good
JD 10 side mount mower 7'
NH 616 Harvester w/2 heads
Ford 3 pt. hitch mower

SPREADERS

(2) 512 NH w/hyd. End Gate
NH Tank Spreader, $950

MISCELLANEOUS

JD 227 picker for parts
96" bucket for 145, 146, 148, 158 loader
NH Pull type fertilizer spreader, $395
Manure Forks, fits skid steer loader

Pequea Tedders - Wagons
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Stock #16922 Ford 501
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Pull 4' ..... $535 3 pt. 4' $450
5' SOLD 5' $485
6' ..... $725 6' ... $6[illegible]

Rotary Hoes - John Deere
Stock #16977 2 section
#15463 3 section
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JD 2950, SG
JD 2950 MFWD
JD 2350 MFWD
JD 750
JD 650
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JD 3020
JD 430
MF 1135 w/cab & air
MF 202
Farmall A

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IH 56 4 row
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White 5400 6RN No-Till & Plateless

USED HAY & FORAGE EQUIPMENT
Hesston PT10
IH 1190
JD SP 5720 Fg. Harvester, 295 hrs. 3 heads (Repossessed)
JD 38 Harvester w/Heads
JD 5440 SP Fg. Harvester, 4 WD, 1180 hrs.
JD 2 Row Narrow Corn Heads
NH 2 Row W 880 Head
NH 269 Baler w/Thrower
NH 78 Baler
Fox 2000 Harvester w/heads
JD 336 Baler
NH 26 Blower

USED MISCELLANEOUS
200 Gal. Sprayer
Post Hole Digger

NEW SPREADERS
NH 519, 679, 791
Martin S1466 Scavenger
Martin Equalizer
H&S 295 Spreaders

NEW HAY & FORAGE EQUIPMENT
NH 782, 892, 892 w/metal Alert Fg. Harvester
JD 5720 SP Fg. Harvester w/Iron Guard
JD 3960 Fg. Harvester
JD 327, 337, 347 Balers
JD 430 & 530 Balers
NH 316 Balers
NH 849 Round Baler
NH 489, 495, 499 & 1495 Haybines
NH 256 Rake
JD 670 Rake
JD 660 Rake
H&S Fg. Wagon
H&S Bale Wagon
Kuhn Hay Tedders & Rakes
Kuhn 10' Disc Mower/Cond.

NEW PLANTERS
JD 7000 4 & 6 Row Consv.

NEW DRILLS
JD 8250 14x7
JD 8300 18x7

NEW TILLAGE
JD 950 Roller Harrow
JD 2600 4B Plow
Haybuster No-Til Drill Also for Rent

NEW SKID STEER LOADERS
NH 445, 555
Bobcat 643, 743, 843

NEW MISCELLANEOUS
JD 335 Skid Sprayer
Demco Sprayer 600 gal.
JD #27 Flail Shredder

Ask About Waiver of Finance
on NH & JD Equipment
1 Block off I-81 Exit 8
Chambersburg, PA 17201
Phone: 717-263-4103

bobcat
SPERRY NEW HOLLAND

FARM EQUIPMENT

OSWALT ENSILMIXERS - 2 1830 Trailer mixers with +1% electronic scales. Like new condition. 1 1830 Stationary mixer with +1% electronic scale system. All priced to sell. Phone 717-264-9588.

For Sale - JD 336 baler, brand new, never used, $5,000. 215-445-4944.

International two-point, fast-hitch plow and rear mounting blade-KBA; John Deere disk. Phone 215-678-4911 after 9 PM.

International 56 4 row corn planter, excellent condition, $1,100; International 4 row cultivator with shields, $400; 6 angus bulls, approx. 500 lbs., $250. 215-383-5179.

Tractomotive TL-10 Pay Loader - front wheel drive, tires like new, good condition, $2,000. 717-784-1779.

IH 706 diesel, dual hydraulics, narrow front, fast hitch, nice, $4,650. 814-467-8839.

MF 90 gas, high clearance, wide front, clean, $3,200. 814-467-8839.

Haybines - JD 9'; Oliver; Owatonna, $800; 3 pt. rototillers, 6', $225; 13', $550. 814-467-8839.

JD M 20 HP, front blade, side mower plow, $2,000. 814-467-8839.

Oliver 1600 gas, narrow front, good tires, field ready, $3,000. 814-467-8839.

JD 720 diesel, 3 pt. narrow front, $2,800. 814-467-8839.

NH model 346 tank maure spreader, 840 gal., like new. 215-723-4798.

1937 JD-A with factory fenders. Good original condition. 717-464-2874.

Farmall cub with model 59 Woods mower. Repainted and new turf tires. Very good condition. 717-464-2874.

Farmall H 12.4x38 tires, recent valve job. Good solid tractor, $1,400. 717-464-2874.

Wide fronts for IH tractors: (1) fits 544 and 656; (1) fits 706 - 856; (1) Schwartx fits H 300 or 350. 717-464-2874.

JD 2020 diesel, $4,000 or best offer; JD 345 plow, 5 bottom with automatic reset. New mold boards and shins, $1,200 or best offer. 215-965-5692. Ask for Mark.

JD 4040 Tractor. Quad range transmission. Has heat and air. Very good condition. 717-532-7054.

International 966, dual wheels. Asking $8,500. 201-236-6987 or 201-236-6006.

For Sale - Gehl 1080 rotary disk type haybine, like new, $3,500. 215-445-5697 between 6 and 8 AM or PM.

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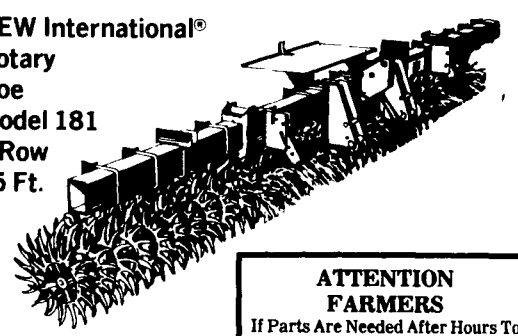

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IH 684 D

The New IH Tractor Gives You #1
• PERFORMANCE
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HAY & FORAGE
- NH 320 Baler HD PTO, Flotation Tires 1 Yr Old, Like New w/or w/out Thrower
- NH 1495 Haybine, Ford Engine 12 Ft Cut Flotation Traction Tires
- NH 234 Wagon Flotation Tires
- IH 56 Blower, HD PTO
- Herd Fertilizer Spreader & Seeder, 2500 Lb Cap Misc
- IH 555 Harvester, 2 Row Corn Head
- Gehl 600 Harvester, Pickup Attach & 2 Row Corn Head
- NH 38 Crop Chopper
- NH 880 Harvester w/2 Row Corn Head
- NH #8 Forage Box High Side 3 Beater Roof w/238 Tandem Axle Gear
- AC Model K Combine w/Platform & 3 Row Corn Head, Ex Cond
- NH 892 Harvester w/919 N3 Corn Head
- IH 430 Baler
- NH 852 Round Baler, Auto Tie, Only Baled 150 Bales
- IH 820 Grain Platform 15 ft Flex Cutter Bar
- NH 479 Haybine
- NH 1469 Haybine
- NI 5 Reel Rake
- Int 35 Hyd Drive Hay Rake
- IH 650 Harvester w/Pickup & Corn Head
- IH 1190 Mower Conditioner

MISCELLANEOUS
- Lilliston Rotary Cutter, 7 Ft
- IH 60 Shredder, 6 Rows
- IH 50 Shredder, 4 Rows
- McCurdy Grain Bin, $250 00
- Grain-O-Vator Grain Cart
- Pequea Hay Tedder, 9 ft Demo

SPREADERS
- NH 519 Hyd Endgate Top Beater
- NH 362 Tank Spreader
- NH 516
- NI 218 Spreader, Hyd Gate, Tandem Axle
- NH 365 Tank Spreader
- NI 214 Two Beater

GRINDER MIXERS
- NH 352 Grinder Mixer, 80 Bu

TILLAGE
- JD 350 6 Bottom Plow
- IH 440 Plow, 4 Bottom 16' Demo
- IH 700 4 Bottom Auto Reset Plow
- Brillion 14 Ft Transport Harrow
- Glencoe 9 Shank Soil Saver w/New Disc
- Brillion 10 Ft Culti Packer
- IH 350 Disk Harrow, 12 ft Nice

PLANTERS
- IH 400 Air Planter, 4 Row Dry Fertilizer, Real Nice, Gandy Boxes
- IH 56 Planter, 4 Row, Dry Fertilizer, Real Nice Gandy Boxes
- IH Grain Drill, MF Disc Drill
- IH 400 6 Row Dry Fertilizer
- White 4 Row w/Dry Fertilizer
- IH 400 6 Row w/Dry Fertilizer
- IH 56 4 Row
- IH 400 4 Row w/Dry Fertilizer
- IH 400 4 Row w/Liquid Fertilizer

SKID LOADERS
- NH L425, Rental Unit
- NH L775 Diesel, Deutz 50 HP
- IH 2355 Loader Will Fit 706 Thru 5488 Tractors

TRACTORS
- IH 84 Hydro, 1400 hrs, like new
- Deutz 6806, 70 HP, 3 Pt Hitch
- IH 340 Tractor, Fast Hitch
- IH 5088, 136 HP, 300 hrs
- IH Cub Lo Boy

USED LAWN & GARDEN TRACTORS
- Several Good Used Cub Cadets

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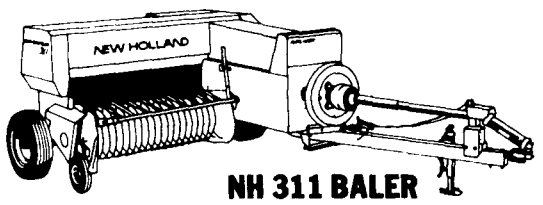
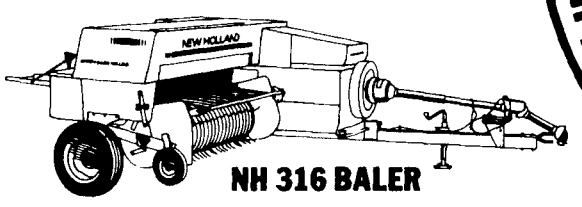
NEW HOLLAND



NH 311 BALER

Offers reliability from pickup to Knotter.



NH 316 BALER

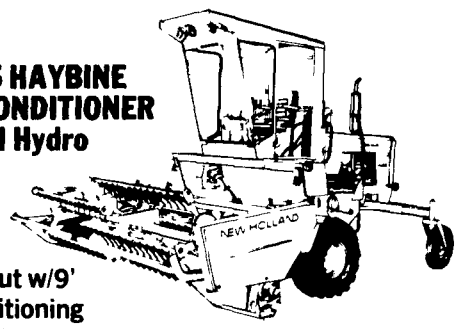
Built with extra rugged features to handle tough crops.

BALE AND LOAD IN ½ THE TIME WITH A SPERRY NEW HOLLAND BALE THROWER

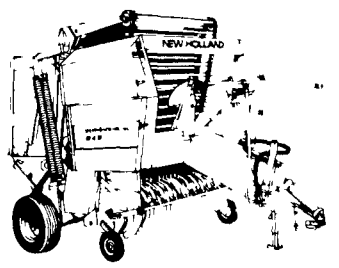
NH 70 BALE THROWER
Fits all three 14"x18" NH Balers

NH 75 HYD. BALE THROWER
Combines reliable hyd. drive & overall rugged construction to give you unmatched reliability.

NH 1495 HAYBINE MOWER/CONDITIONER Diesel Hydro



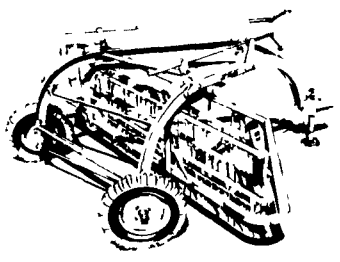
12' cut w/9' conditioning rolls for faster Drying Action



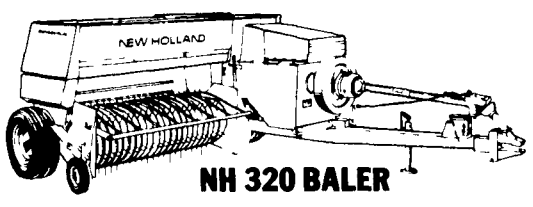
NH 849 ROUND BALER

The '849' turns out solid 4¾'x5' bales that weigh up to 1200 lbs.

NH 256 ROLABAR® RAKES



The best selling rakes in North America

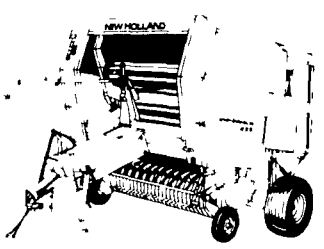


NH 320 BALER

14"x18" Baler designed and built for the big-volume hay grower and custom operator.

NH 855 ROUND BALER

The Capacity Champ that turns out solid, well-shaped bales weighing up to 1700 lbs.



NEW PROGRAM:

WAIVER OF FINANCE on Hay & Forage Equipment Till September 1, 1984

OR LOW RATE FINANCING on New & Used Equipment

- 2% Financing for 1 Yr.
- 5% Financing for 18 Mos.
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Complete grain drying and storage system or will sell separately
1 24,000 bushel bin
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1 18,000 bushel bin
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1 Ideal dirt bin
1 AS 600 Super B grain dryer - 3 phase

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3 phase converter
1978-79 John Deere 6600 Sidehill Combine 1500 hrs. 6 row narrow corn head, 15' grain head

TROSS TERRAINS, INC.
Located on Rt. 890, Six Miles South of Sunbury.
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NEW VERMEER EQUIPMENT
(1) 605H Baler
(2) 504H Baler
(1) 504G Baler
(1) Hydraulic Drive Rock Picker
(1) 10' No-Til Grain Drill
(1) 21' Twin Rake
(1) NH 256 Bale Buster
JD Skid loader
Owatonna 540 Stack Hand

NEW VICON EQUIPMENT
(2) KM 321 Mower Conditioner 10' 6"
(1) KM 281 Mower Conditioner 9' 5"
(2) KM 240 Mower Conditioner 7' 10"
(2) CM 240 Mower 7' 10"
(3) RC 300 and 330 Tedder-Rake
(2) 16' Tedder
(3) Vicon Square Baler
(3) 600 lb. Spin Spreader
(2) Large Round Baler 1500 and 2000 lbs.
(2) Double V Rake
(4) Single 4 wheel Rake
(1) Tandem Axle 500 gal. Sprayer with Electric Controls

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case

NEW CASE 2090 TRACTORS

Rated 108 HP, 504 cu. in. engine, cab, air and heat, 20.8x38 Rear tires, President's chair. Many other features too numerous to mention.

With 8.8% Financing or Waiver til Jan. 1, 1985!

LESS THAN $25,000

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NEW CASE 1390 TRACTOR
60 HP, 16.9x38 Tires
Reduced Cash Price $11,000

NEW HESSTON 1091 WINDROWER
Field Ready - One Only
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NEW HESSTON 5580 ROUND BALER
One Only - 1,000 to 1,500 Lb. Bales
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NEW VICON 321 ROTARY DISK WINDROWER
10'7" Cut
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NEW GEHL 1580 FOR. BLOWER
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CASE 870 TRACTOR
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Cash Price $10,500

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Base Unit Price $8,800
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NEW HESSTON 7140 FOR. HARVESTER
Base Unit Cash Price
$5,500

FARMALL H TRACTOR
$1,100

NEW 7655 HESSTON SIDE DUMP FIELD QUEEN
Air Cond., Detroit
257 Hp Diesel
Priced At Under $60,000

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Quality Used Equipment

John Deere design dependability and dealers make the difference

• TRACTORS
JD 8430 PTO, 3 pt.
JD 4320 w/Cab, excellent condition
Ford 3000 Gas, PS

• HAY & FORAGE
JD 336 Baler w/kicker
JD 3800 Forg. Harv. w/ 2 RW Corn Head
JD 3800 For. harvester w/2 RW Corn Head
Brillion 8 Rows S Tine Cult.

• PLANTERS
AC 4 row 330 Mon., Insec.
JD 7000 6 RN, No-Til, Dry Fert., Auger Fill

• COMBINES
JD 7700 Hydro., Rotary Screen 2500 hrs.
JD 15 ft. Rigid Platform
JD 16 ft. Rigid Platform
JD 444 Corn Head

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JD 210 Disk 12'10"
Ford 24' Disk
Brillion 12' Chisel Plow

• LAWN & GARDEN
GE Electric
JD 66 Rider
JD 100 8 h.p.
JD 111 11 h.p.
AC 420 20 h.p.
AC 410 10 h.p

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Evenings Call
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JD 4230 Quad-range
JD 630 Gas, WF, 3 Pt.
Ford 7700 Ford 6700
JD 4020 Side Console
JD 3010 Real Nice

Brillion 10' Seeder
IH 710 4 Bt. Auto Reset Plow
JD 8250 Grain Drill 14 Disc
JD 8250 Grain Drill 16 Disc
JD 495 A Planter
JD 416 350 Plow, Auto Reset

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CHECK WITH US FOR SPECIAL CASH PRICES ON USED TRACTORS OR WAIVER OF INTEREST TILL NOV. 1, 1984 OR 8.8% FINANCING

TAKE YOUR PICK ON A USED TANDEM AXLE MANURE SPREADER
- Put 30% Down & Pay Balance 1-1-85, No Finance Charge

N. Idea 218	N. Idea 224	N. Idea 224, 10 Ton, Endgate
8 Ton, Endgate	10 Ton, Endgate	New Graetz Web, Top Beater
$2900	$3500	$3700

USED EQUIPMENT

TRACTORS
Ford 3000
MF 65 w/Loader
AC D15/Loader
Case 730
Case 1390
Case 1090 18.4x38 (New) Power Shift
Case 1170 Cab-Heat 8 Spd. 20.8x38
Case 900 w/Pulley
Case 2090 Cab
Agri Power 9000
Ford 861
AC-B, plow, cultivators

INDUSTRIAL LOADERS
MF 20 Diesel
MF 2200 Diesel
Case 480 Gas
White Backhoe
Case 1737 Uniloader
Hough HFH

FORAGE
Gehl 910 box/roof
Kasten Box
IH 56 Blower
Grove box
JD 3800 Harvester
Gehl RC 800 Recutter

NEW IDEA
325/314 Picker Sheller
323 Pickers
325/327 Pickers
702 G Power Unit
702 D Power Unit
710 Combine
743 N Head
767 Harvester
738 4RN Head
272 CutDitioners
763 Head

SPREADERS
MF 205
NI 206
NI 213
NI 214
NI 218
NI 224
NH 371 Flail

MISCELLANEOUS
AC 600 4R Planter
NI 404 Rake
JD 1240 4RN
2 Row Hershey Transplanter
2 Row 3 pt. Mechanical Transplanter
Wetmore 878 Grinder Mixer
ArtsWay 420 Grinder-Mixer
JD 4 Bot. Plow
Moridge 400 Grain Dryer
P.Z. 2 Swath Tedder

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New Long 310 28 HP - **$7,000**
Long 1549 loader - **$2,400**
New Long 310 DT - **$8,700**

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FARM TRACTORS

New Ford Tractors Model 7710, 5600, 4610, 4600, 1900, 1510; Used Ford Tractors Model 2110, 4000, 5000, 8000, 8N, Fordson Major Diesel, Farmall H, Super H, 340 w/loader, Cub, 154 Low Boy, A, Case, Allis Chalmers, Kubota 345DT, 305 4 Wheel, Gravely, IHC Cub Cadet, Bolens, Wheel Horse 14 h.p., Suzue, Long tractor.

INDUSTRIAL EQUIPMENT

Ford Forklift 600, 4000, AC Crawler HD5, Ford Compact Loader Model CL340, CL45, Bobcat Melrose Skid Loader, Ford 340 TL, Ford 445 TLB, Ford 4500 TLB, Summerset Sweeper, Ford 550 TL, Vermeer Trencher, Warner Swasey Forklift, General Trailer 12 ton, 9 ton, 6 ton, General Roller 2 ton & 1 ton.

MISCELLANEOUS

Honda motorcycle, Moped, Ford planter 6 row w/fert. insecticide box, seed box and monitor, Moore all till drill.

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JD 2440 tractor w/high, low trans., loaded. Must sale. Call for special price.
JD 7000 conservation corn planter. Priced for quick sale.

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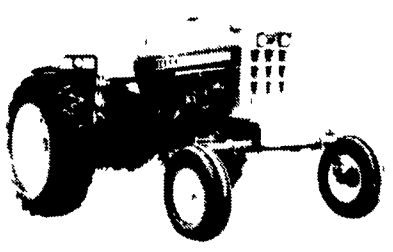
JD 4040 tractor w/PS, cab, air & 148 loader. Call for reduced price.
Case 1845 diesel skid steer, 4 years old, reduced.
JD 7000 conservation corn planter, loaded, 3 years old.
JD 716 wagons w/1275 running gears, nice, reduced price if buy more than 1
IH 16x7 grain & fert. drill, nice.

Call about our selection of used balers, plows & planters.

ATTENTION

OLIVER And WHITE TRACTOR OWNERS



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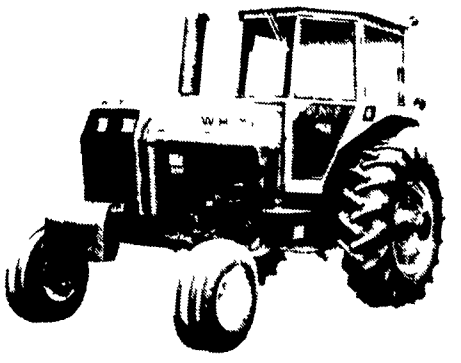

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Our Price $38.95 each
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FARM EQUIPMENT

FARM EQUIPMENT

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JD 5440
Chopper
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Excellent Condition
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768 3RC Head $59,000
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Hesston 1091
9' Windrower
$7,200

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White #271 18' Disc
White 271 24' Disc
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Bush Hog 1438 13½' Rock Flex Disc
Hesston 12' Rock Flex Disc
White 5100 notill 6 row planter
White 5100 notill 8 row planter $12,500
Befco 50" 3 pt. hitch tiller $975
Brady 1440 12' Shredder
Bush Hog 15' & 20' Wing Mowers

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White 2-155 4 Whl. Drive 1982 500 hrs.
Oliver 77
IH 340
IH Super C
IH 154 Cub Lo Boy
Hough 25B Loader w/52" bucket
Case 430D
AC B
AC D17

USED HARVESTERS
MF 750 Combine 6R & 131 Grain Head
702 Uni
Fox 3310
Fox 2310 2 Row N & Pickup
Fox 900 1 Row
Fox 299 80" Flail Head
Fox Max 1 4 Whl., New Low Profile Head
NI 323 Picker, used 40 acres

USED EQUIPMENT
Hesston 4800 Big Square Baler $29,000
JD 220 18' Rock Flex Wing Disc
JD 15A Flail Chopper
IH #10 Drill
Glenco SS9 Soil Saver
AC 8 Row No-Till 20" Planter
NI 270 Cut/ditioner
Hesston 10, 30A Stacker
Kewanee 20' Field Cultivator
JD 216 Wagon, 3 btr. & roof.
NH 275 Baler w/Thrower
Hesston 5500 Round Baler
Gehl 910 Fg. Wagon, 3 btr. & roof
JD 2280 diesel 14' windrower
Westfield 741 auger PTO
EZ Trail Bin Wagon
NI 214 Spreader
NI 212 Spreader
Hesston 3-Row Narrow Head
Fox 3-Row Belt Head
Fox 2-Row & Chain Head

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Cochranville, Pa.
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Forage Wagons
all sizes
Variable speed
roof/3rd btr. avail.
$3,845 - $4,475 net

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16' & 18'
Wood or Steel sides
$550 - $990

All new equipment 1 year guarantee

Keystone Farm Equip.
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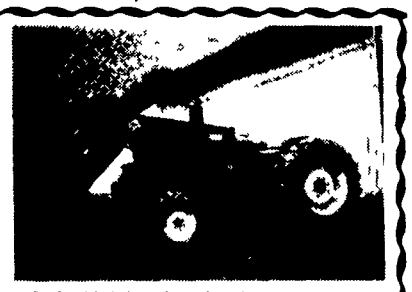
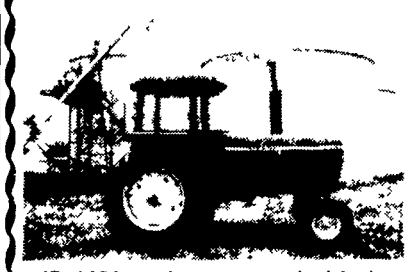
New Harvestore slurry chisel injector, 3 pt. hitch, 10' wide, 4 teeth with coulters $1,000
Universal double 7 stainless steel parlor with 14-65 lb. weigh jars $9,000
Feed-Easy TMR mixer - model 210 - stationary. 2years old $6,000
500 gal. Sunset milk tank $400
100 ft. harvester, 16" belt feeder, 4 years old $3,000
2 - harvester belt conveyors - 60' and 40' $300/$600
Harvester mineral feeder and soybean feeder $400
Misc. tractor weight - JD Make Offer
Farmall H, good condition $800
IH model 10 grain drill, 13 disc, excellent condition $1,800

PH: 717-323-9465

JD 7700 Combine - 1800 hrs. - 15' platform - $16,000 spent reconditioning - nice - $12,900



JD 2020 Diesel with 48 loader - new clutch and paint - nice outfit - $6900



JD 4430 - cab - syncro - dual hyd. - 3400 hrs. - new tires and paint - $12,900

JD 4320 - side console - dual hyd. - new tires extra nice - $8900

717-264-1154

JD 3010 Diesel - overhauled - new paint - turbo - dual hyd. - perfect $5900

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610 Bobcat Skid Loader
630 Bobcat Skid Loader
721 Bobcat Skid Loader
1000 OMC Skid Loader
371 Bobcat Skid Loader
Thomas Skid Loader
MC 600 Grain Dryer
65' 8" Transport Auger
AC L, M, F, G&A Combines
Uni Harvester 708 & 702
708 w/combine

TRACTORS

AC 7040D	AC 440	AC CA	IH 140	Case 300 w/Loader
AC 7045D	AC XT190D	AC 5040D	JD 2010	
AC 7050D	AC 180D	AC 5050D	MF 65G	Case 800
AC 7020D	AC 175D	IH 806	Case 1490	Case 450
AC 7010D	AC D19D	IH 340	JD 450 Crawler	Oliver 1650D
AC 7000D	AC D14			

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750 Combine w/354 Turbo
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13 ft. Table & 402 Corn Head $5,000
Reasonable Offer

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Used IHC 241 Round Baler $3,995
Gehl 1450 Demo Baler $8,995
New 36' Hub Elevator $2,164
Gehl 880 - 9 ft. Mower Conditioner $2,995
New - White Planters - No Till
6 Row 543 w/Monitor, Fert., Insecticide Att. $8,085
6 Row 543 w/Deluxe Monitor, All Accessories $8,600
6 Row 5100 Complete $12,411

Other New Planters In Stock
Gehl 920 Wagon w/3 Beaters
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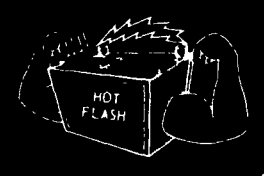

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P-4-74 Povato ground driven hay rake
3 Grove wagons with corn beds and hay rack. 30" high, 6'6" wide, 15'6" long with hay rack 8' high over rack
Brand new JD hay mower with 9' cut
Combination hay and corn elevator, 24'
Magee snow blower, #720, 7' wide, 29" high
4 bags of Penlate grass seed

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USED COMBINES

Waiver of Interest till January 1, 1985

- '73 JD 7700, hydrostatic drive, turbo, 16' platform
- '75 JD 7700 - Rotary Screen, Mud Hog Drive, 16 Ft. Platform
- '75 JD 7700 - Rotary Screen, 16' Platform
- '76 JD 7700 Rotary Screen, gear drive, 15 ft. platform
- '80 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 7720 4 wheel drive, 220 flex cutterbar
- '81 JD 6620 224 hrs. 24.5x32 tires Dail-a-matic height control, 216 Flex Cutter bar. Like new
- '81 JD 8820 4 wheel drive, factory duals, 1100 hrs., with 220 flex cutter bar and 1243 corn head. Excellent Shape
- '78 IH 1480 axle flow w/four wheel drive, w/20' flex cutter bar, 8 row 30" corn head
- '79 JD 7720 4 WD 1400 hrs. 220 flex cutter bar
- '76 JD 6600 hydrostatic drive w/216 flex cutter bar

CORN HEADS

Good Selection of John Deere
443-444-643-843-1243 Cornheads

USED TRACTORS

Waiver of Interest until July 1, 1984

- '77 JD 8430 w/dual 20.8x34 tires, 3 pt. hitch, PTO, 3 outlets
- '69 Oliver 1850

- '79 Steiger ST 210 Series 3, 4WD with dual 18.4x34 tires, 3 pt. hitch, 1336 hrs. Reduced to $28,500.

CORN PLANTERS

Waiver of Interest until April 1, 1984

- '82 AC Model 333, 15-20" Row, No-Till Soybean Planter, Dry Fert., Insecticides
- JD 1250 plateless

USED PLOWS

- JD F145-5-16 Semi Plow w/Harrow attachment

JD 125 Skid loader, diesel engine, utility bucket
List $18,900 Special Price $13,850

MISCELLANEOUS EQUIP.

- JD 210 14' disc harrow
- 1 Brillion 23' folding packer, crow foot wheels
- Graber 26' flex pull-type chisel plow
- JD RG8 Cultivator, 8-30" Rows
- JD 653 row crop bean head, like new
- Bish head adapter to install JD corn head on NH TR70 combine
- JD 38 Harvester w/2 RW Head
- Tye drill 24 tine, double disc opener, 3 pt. hitch
- (1) Brillion 15½ ft. field cultivator w/Midwest Harrow
- John Blue 300 gal. trailer sprayer w/hydraulic pump

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COMBINES

Ih 101, 10' grain
IH 82 pull type
MF 300 12' grain & 3 row 30' corn head
IH 503 Diesel, cab and grain & corn head
IH 203 grain head
JD 7700 Diesel, hydro, rotary screen w/grain head
E Gleaner, cab & 10' head
C2 Gleaner cab, grain & corn heads, motor overhauled, all new bearings on combine front to back end last fall
IH 915 D, cab, grain & corn heads
IH 403, cab & 13' head
JD 4400, cab & head
C2 Gleaner w/2 heads
NH 985 cab with quick-tach grain head
MF 300, cab, 13' grain head, 2 row corn head, $3500
JD 6600 cab & grain head
IH 76 pull type PTO w/bin
Massey 72 w/10' grain head

TRACTORS

400 Gas Tractor
Farmall Super C, $1175
Farmall H w/cultivator
JD 3010 gas, $2875
2-Massey 44, real nice, one w/power steering & live PTO
2-Ford 6000 Diesels, 67 HP, $2500 each
IH 1256 3 pt., wide front, $6500
2 Farmall H w/hyd. $775 each
BN Farmall w/mower, $885
MF 2745 cab duals, 1200 hrs., $15,500
White 2-105 roll guard, $9500
Case 1370, 165 HP, as is, $6950
IH C w/cultivator
AC C w/side mounted mowers & cultivators w/hydraulic

TILLAGE

12' cultimulcher
2 btm. 14' drag plows
JD RWA 14' wheel disk, $775 SOLD
JD 1240, 4 row planter, real nice
Oliver 3 btm. 14" trip pull plow
AC 2 & 3 btm plows
AC CA cultivator
JD 1450 6 btm 16" plow, $1750
IH 6 row cyclo planter w/dry fert
IH 9 tooth trailer type chisel plow, $1350
JD 1240 plateless planter w/liquid fertilizer

MISC.

JD roll-a-bar rake
NI 9' haybine, nice
IH Cub spreader, $300
NI 9' haybine
Oliver 4 btm. trailer plow
1 & 2 row corn pickers
All steel farm dump trailer holds about 500 Du-of corn
NI 213 spreader w/new drag chain & sides, $1275
Hawk Bilt tank spreader, $575
NH 461 haybine $775
JD 480 haybine SOLD
Oliver 9' haybine $675
NH 469 haybine SOLD
Corn & grain heads, IH 12' off 815 combine
IH 733 3 row, 30" off of 815
MF 3 row 30" for a 300 or 410
MF 13' grain for 300
AC 3 row 30" for E&K
JD #8 mower
IH 7' mower
JD #5 mower
IH Loader, real nice, fits Farmall C, Super C 200, 230 & 240 SOLD

DISMANTLING TRACTORS FOR PARTS
Harvesters and Corn Heads for Parts

JD 2010, 70D, 4010, IH 560 D, IH 660 D, IH F 14, 1256, 340, F30, F-20 A, B, C, H, M, 300, 350, 460, 460 Ut., Supers C, H. & M JD A, B, 50 & 60, 3010 D. AC WD, WC, D17 Oliver 70 & 77, 88, 60. Ford 8N, Ford 6000D Case 300, SC & V.A.C., DC. AC 180, AC 190, AC C, CA, MF 1155, Massey 44D, 333, 30, MF 85D, IH 400, MTA, 240, F20, WD D2 Cat crawler JD 70 G, Oliver crawler, 2 Oliver crawler loaders.

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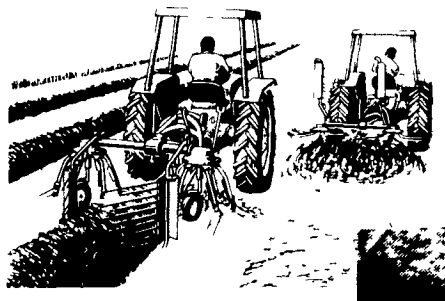
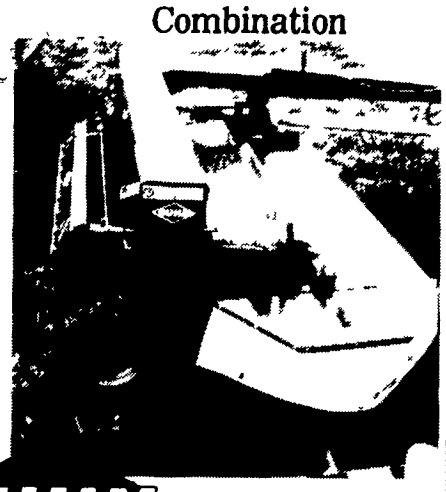


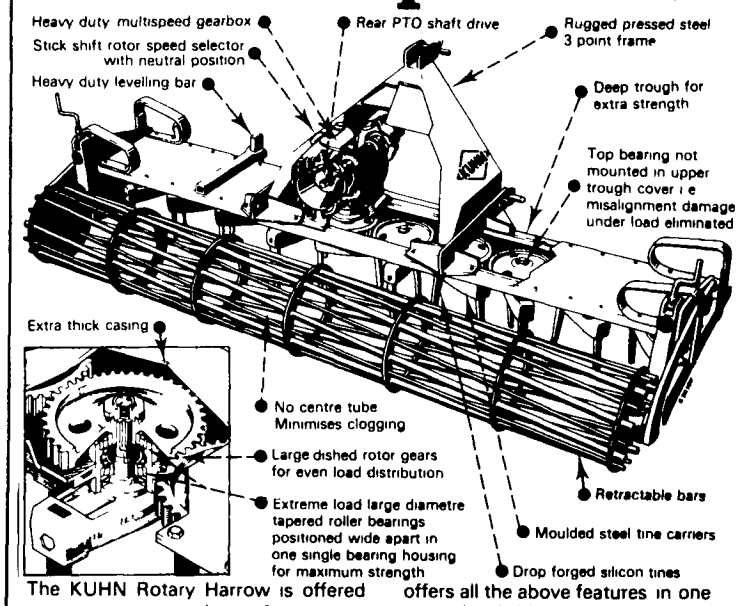
- GRS 24 10' Rake Tedder Combination
- GRS 25 11'4" Rake Tedder Combination



- GA 300M 10'6" Rake
- GF 452 17' Tedder
- GF 440 13' Tedder
- FC 300 10' Pull Type Disk Mower Conditioner

KUHN

The Power-line of Rotary Harrows from the Specialists


Heavy duty multispeed gearbox
Stick shift rotor speed selector with neutral position
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Rear PTO shaft drive
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Top bearing not mounted in upper trough cover i e misalignment damage under load eliminated
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Retractable bars
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Just take the best and leave the rest

283 HR450 Working width 15 Cat II and III 3 point mounting for all tractors up to 180 H P w/1000 PTO speed Complete w/1¾" 20 spline transmission shaft 3190#

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MODEL 1412
With 4 Speed Automatic Power Shift w/A Total Of 12 Speeds
Reconditioned, Ready To Go!
• 18.4x34 Tires • Approx. 2195 Hrs.
• 540 PTO

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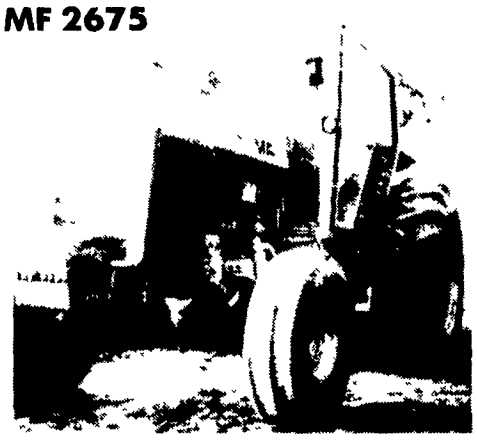
MF 2675



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20.8x38 on Power Adjust Rear Wheels, Cab, Air, Heat, Radio, Front Wts., 540/1000 PTO

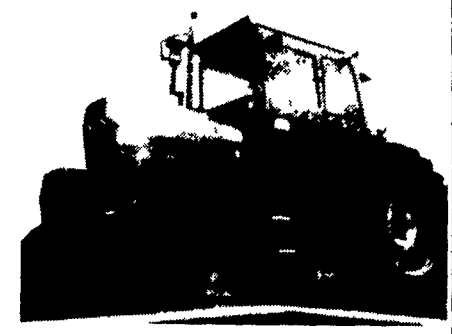
LIKE NEW TRACTOR UNDER $20,000

CASE 1370 DIESEL TRACTOR

Cab, Air, Heater
Approx. 1973 Model
155 HP w/Dual Wheels

ONLY $13,850
For Cash

FORD 8600



- Approx. 2200 Hrs.
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NICE ONLY $11,800

CASE 2470

Serial #8762251
213 HP
4 Wheel Drive With All The Goodies: Hillside Crab Steering, PTO, 3 pt. Hitch, Remote Hydraulics, Cab, Air, Heater. 23.1x30 Tires In Ex. Cond., 2904 Hrs.

~~$18,900~~
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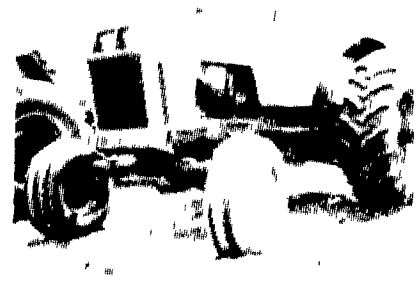
WHITE 2-155



1976 Model, 2066 Hours, Cab, Air, Heater, 20.8x38 Tires, 3 Pt. Dual Remotes
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FORD 4000 SELECT-O-SPEED

- 4200 Hrs.
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$2,390

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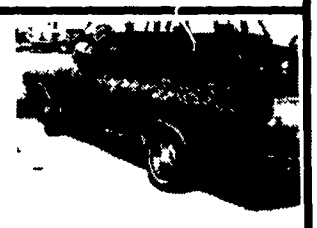

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Buy As Is For
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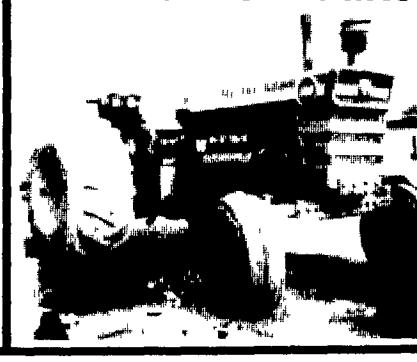
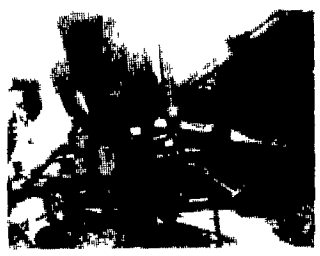


Has Had Recent Engine Work, New Clutch, New Hyd. Pump
Approx. 3500 Hrs.

$7,950

MISCELLANEOUS SPECIALS

MANY JUST ARRIVED!

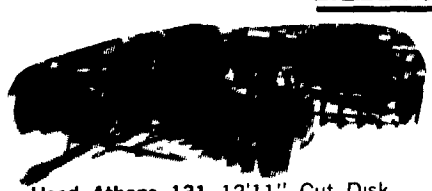


New Holland Grinder Mixer, Model 352 Auger Unload Extension

Brady 12 Shank Chisel Plow, 32" Ht Clearance Spring Shank w/Curved Shovels 3 Pt Type **$1,580**

Duetz 9' Cut Pull Type Drum Mower **Reduced from $1,928 to $1,675**

Noble Field Cultivator, 3 Pt Mounted 15 ft w/Hyd Wing Fold Danish Tines Good Shovels **$850**



Used Athens 131 12'11" Cut Disk Approx 20" Diameter Blades (No Lift Cylinder In Price) **Rock Lover With Individual Gang Flexability $2,960**

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IH "401" Spring Harrow, Nice **$550**

JD 1630 Plowing Disk, 14 Ft Cut, 28 Cone Type Blades, Adj 4 Angles of Cut, 11' Disk Spacing, 2 Transport Cylinders, 3 Hangers/Gang **$2850**

Fuerst 12 Foot Drag Type Harrow **$489**

MF Loader w/Sub Frame Mounting For MF 265 Tractor Or Similar Models w/Trip Dump & Front Mount Hi Capacity Hydraulic Dump Kit Like New **Only $850**

AC Wing Fold Disk Harrow 19 Ft Cut Blades Measure Approx 20" to 21" Dia **$3,200**

Used 12 Hole **Grain Drill**, Approx 7½ Foot Width, Pull Type w/Large Steel Wheels, Has Seed Compartment & Legume In Good Condition (Fertilizer Box Poor) Disk Opener About 12½' Dia **Only $256** Or Pickup Here For Only **$195**

JD Model 210 12' Disk Harrow, w/ Midwest Buster Bar, Heavy 22" Discs **$3200**

(3) **McCurdy** 275 Bu Gravity Bin Wagons, Good Shape Flotation Tires, Heavy Gears **$1,550 ea**

Gehl Forage Box, 4x16 2 Beater No Roof, 8 T Gear **$650**

Case 555 Haybine, 9' Cut It Works **$775**

AC Forage Blower, Good Condition Fine Unit For Smaller Operation **$400**

IH 56 Blower, 56" Fan Good Condition 540 PTO **$1,395**

Good Used **Glencoe** 5 Shank Soil Saver Still Has Original Shovels Paint Good **$2950**

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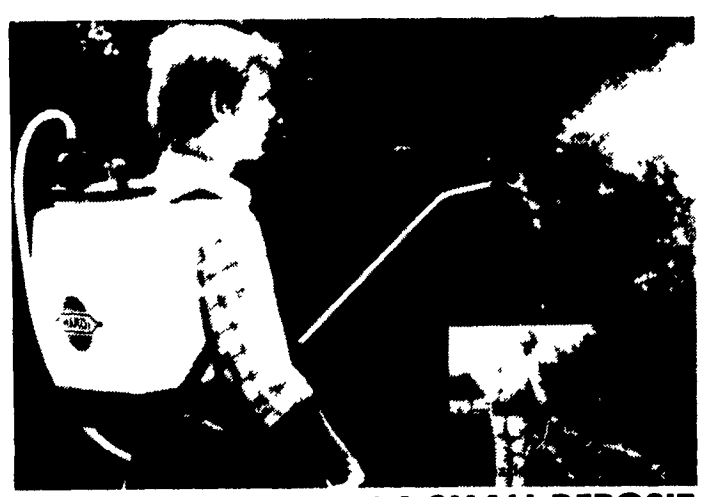
Easy Operating Hand Pump Lever
100 P.S.I. Pressure

RY-15 BACK PACK SPRAYER

RY-15
Order No. 817294

- Tank Capacity - RY-15-3 95 U S gallon (15 litre)
- Pump - RY-15 - Piston Maximum 100 p.s.i. pressure
- Height - 20.5"
- Depth - 7 95"
- Width - 14.5"
- Weight - RY-15 10½ lbs. empty, 43½ lbs. full



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SPECIAL... $89.50

LOOK AT THIS LAST MINUTE CORN PLANTER SPECIAL

WHITE 1982 MODEL

5100 Series, 6 Row Corn Planter
• 30" Row Spacing • No-Till Type
Used On Approx. 600 Acres

This Unit Has Monitor And Insecticide
Ready To Go! $7,900

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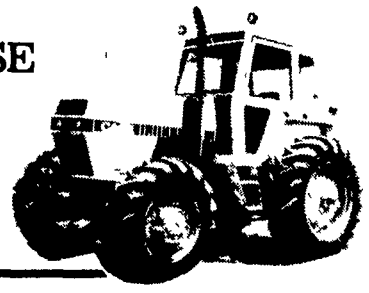


case MODEL 4890 TRACTOR

300 Engine hp (223 kW)

Out-Classed? .... *No Way!*
Out-Performed? ..... *No Way!*
Out-Priced? ..... *No Way!*

THE PROVEN TIME SAVER WILL DO THE WORK OF TWO LARGE 2 WHEEL DRIVE TRACTORS

New special, Fully Equipped Tractor With 3 Pt. Hitch, 4 Remotes, Power Shift, PTO, Quick Coupler Hitch, 20.8x38

Priced Right Under $ 56,000

And 8.8% Financing Up To 4 Years

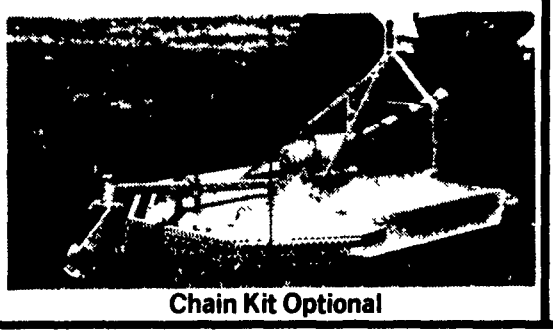
Yes! We Have In Stock Your 3 Pt. Rotary Cutter... Ready To Go Now!

RHINO & BUSH HOG ROTARY CUTTERS

- Rhino SE 5, 5 Ft. $499.00
- Bush Hog 256, 6 Ft. $695.00

7 Ft. And 8 Ft. Available Upon Requested Order, Also Larger Wing Fold Models

MAKE US YOUR DEALER NOW!



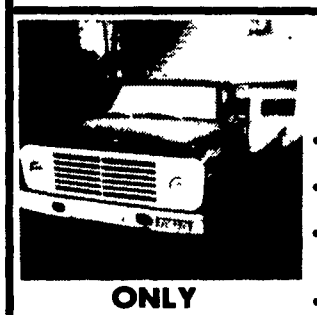
Chain Kit Optional

When The Spring Rush Is Over, Clear Brush & Fence Rows With This Useable But Inexpensive Tractor

IH T 340A CRAWLER LOADER

- Gas • 4 in 1 Bucket
- Rear Ripper • Ex. Undercarriage

$5,850

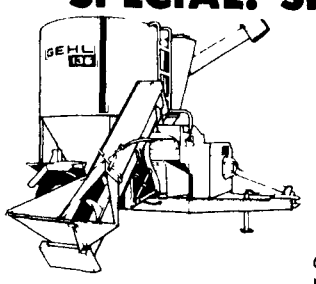


F500 FORD TRUCK

- 1969 Model w/17,000 GVW
- 330 V-8, Recently Rebuilt 4 Speed Trans.
- 7.50x20 Mud & Snow Tires, Approx. 50% Tread
- 8½'x13' Steel Bed w/ Tool Box & Stake Pockets

ONLY $2,300

SPECIAL! SPECIAL!



OUR NATION'S FARMERS #1 CHOICE

GEHL

Not Only Crop Grinding Season Is Here, But PRICE GRINDING is Here, Too!

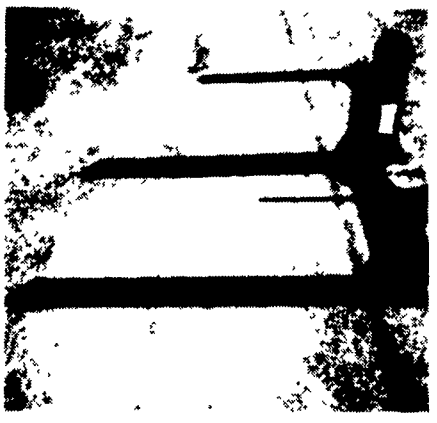
HYDRAULIC GEHL MIX-ALLS®

Gehl s Put Good Ideas to Work in a hydraulic grinder mixer for less maintenance easier operation The 100 bushel Mix All unloads as quickly as 3½ minutes Features include the big 21 mill with 66 reversbile hammers hydraulically driven in feed attachments with infinite speed control and quick change screens for faster performance and operating convenience Stop by and see the hydraulic 100 Mix All today!

New Gehl 100 in Stock One Only

Serial #9536 **AT $6961.00**

CASE ECONOMICAL 3 PT. HITCH ROUND BALE CARRIER



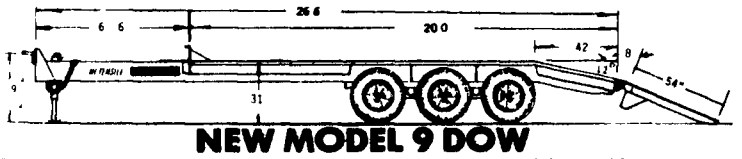
w/50" Long Prongs And 2 Ft. Upper Spike

$289 Also Available For Skid Loaders...$489

SAVE! SAVE!! SAVE!!! On New General Eager Beaver Trailers

PRICES YOU CAN AFFORD!

NEW General Eager Beaver Trailers



NEW MODEL 9 DOW

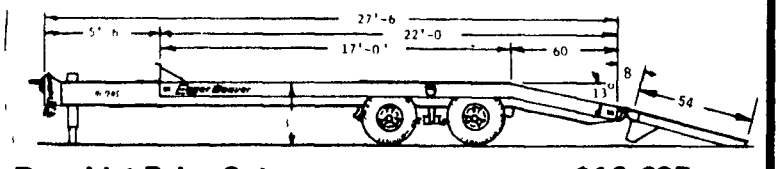
9 Ton, 3 Axle, Electric Brakes, Complete Truck Wiring Harness Kit Including Brake Control

Reg. List Price Setup... $5,500

DISCOUNT SALE OFFER ONLY $3,990

NEW MODEL HA20

20 Ton, Hi-Capacity, Air Brakes, 8.25R15 G Michelin Radial Tires



Reg. List Price Setup $12,695

DISCOUNT SALE OFFER ONLY... $8,950 Plus F.E.T.

SPECIAL... BRAND NEW 6 TON ELECTRIC WHEEL WAGON RUNNING GEARS

Knocked Down Less Tires w/8x15 Rims, Regular Standard Tongue (Non-Adjustable), 6 Bolt Wheels

Reg. Price $705

SALE PRICE $529

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FORD MODEL 850 TRACTOR
w/Loader
Good Condition

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JD Model 24T Baler with Kicker - Good Condition

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NOW SERVING THE STATE OF DELAWARE DIRECTLY FROM WILMINGTON!

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NEW USED and RECONDITIONED PIPE
STANDARD EXTRA & DOUBLE EXTRA HEAVY ALL SCHEDULES ALL TYPES FABRICATION THREADING CUTTING — WELDING
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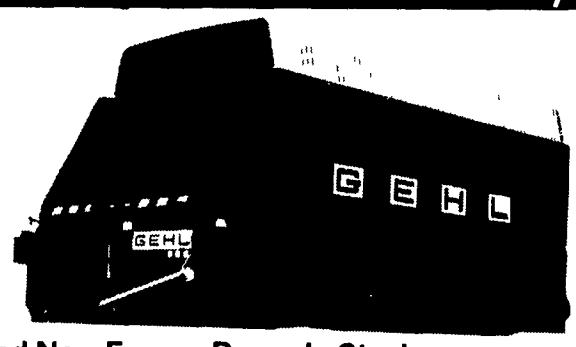
NOTICE: SPECIAL SALE ON NEW & USED QUALITY HAY MACHINES
In Stock And Ready To Work!

20% OFF GEHL...THE LEADER IN FORGE BOXES
In Stock
(Less Running Gears)
NOTICE! TAKE 20% OFF



Special Serial Numbered New Forage Boxes In Stock
Shown In This Ad Only

- New Gehl 960 Wood 6'x14' Box With 3 Beaters and Roof, Steel Aprons Web. Serial #32368
  FACTORY PRICE W/FREIGHT & SETUP..... $5657.81
- New Gehl 640 Wood Box 6'x14' With Roof With 3 Beaters, Rubber Trough Unloading Extension, Continuous Drive, Serial # 3434
  FACTORY PRICE W/FREIGHT & SETUP..... $4609.16
- New Gehl 640 Wood Box 6'x16' Long With Roof, Rubber Trough Unloading Extension, 3 Beaters, Continuous Drive Serial #3518
  FACTORY PRICE W/FREIGHT & SETUP..... $4843.15
- New Gehl Model 640 Wood Box 4'x16' 2 Beaters, No Roof, With Rubber Trough, Unloading Extension, Serial #3439
  FACTORY PRICE W/FREIGHT & SETUP..... $4041.46
- New Gehl Model 640 Wood Box 4'x14', 2 Beaters (No Roof) With Rubber Trough Unloading Extension Serial #3423
  FACTORY PRICE W/FREIGHT & SETUP..... $3848.00

NOW IS THE TIME TO SAVE BIG!!
Remember... 20% Off

BRAND NEW DEMONSTRATOR - IT REALLY WORKS!

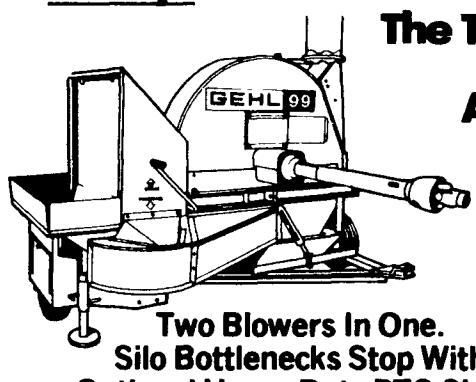
GEHL MODEL 1080 DISC MOWER

Over **10% OFF**
This Machine Loves Tangled, Heavy, Down Crops

Cut condition and windrow up to 7'10" in even the heaviest crops with the 1080 disc mower conditioner from Gehl Six counter rotating three-knife discs slice through your crop at up to 54 000 cuts per minute leaving your fields cut short smooth Intermeshing rolls aggressively grab the crop yet gentle condition it to speed drying and reduce leaf loss Stop by and see the high speed, efficient 1080 disc mower conditioner in action

Our Regular Low Price Is $9,219.00 — Serial #2447
NOW ONLY..... $7,997.00 — New Warranty

Hurry! Now Is The Time To Own The Top Of The Line!

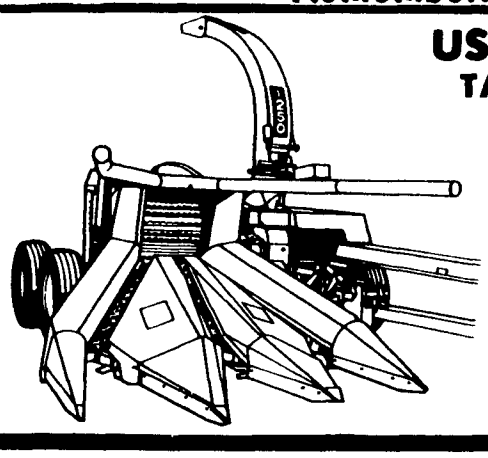


A GOOD USED GEHL 99 FORAGE BLOWER

Two Blowers In One.
Silo Bottlenecks Stop With Optional Heavy Duty PTO Shaft.
3 To Choose From... Ready For Delivery

FROM $1580

USED CHOPPER SPECIALS!
TAKE 25% OFF PRICE BELOW!

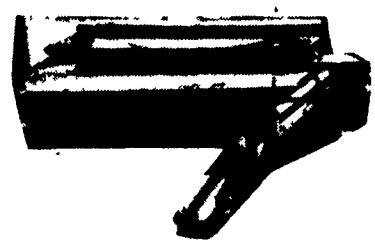


Completely Serviced & Field Ready
- Gehl 1200, 1000 RPM, Hyd. Controls, Hyd Knife Sharpener (Less Header)

SALE PRICE
$7,800

Remember Deduct 25%
This machine designed to handle from 90 HP up to 225 HP.
A Real Power Saver with Capacity to handle 2 or 3 row headers.

DEUTZ FAHR DRUM-TYPE (Used) ROTARY MOWER
9 Ft. Cut w/Tegral Hydraulic Lift
IDEAL FOR MOWING MEADOWS AND DOWN CROPS
Reg. Price $1928
SALE PRICE **$1680**



BRAND NEW GEHL MODEL 3510 SKID LOADER
With Ford Gas Water-Cooled 24 HP Engine

- SELF-LEVELING LOADER
- THIS COMPLETE CAGE FLIPS UP FOR EASY SERVICE
- 54" WIDE x 68" HIGH W/54" BUCKET

Buy All This For Only $10,850.00

And Get Waiver of Finance
Till July 1, 1984

A winner at any job, from start to finish

WATER TANK ATTACHMENT FOR HAYLAGE

HOW ABOUT A PROVEN NEW IDEA THAT WORKS!
HAYLAGE WATER TANK Haylage gumming can plague every farmer, but it doesn't have to anymore not with the addition of this special 300-gallon polystyrene watertank to your Gehl hay pickup Total system includes corrosion resistant sensors and controls to start and stop waterflow as needed 30 gallons get you through half a day of harvesting

They Really Help! In Stock - One Only Factory List $611
DISCOUNT SALE PRICE **$498**

USED CASE MODEL 555 HAYBINE
9 Ft. Pull Type, It Works **$785**

USED VICON DISK MOWER
7'8" Cutting Width **$4,670**

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Located ½ Mile North of Rothsville
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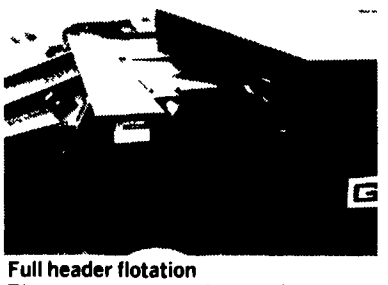
NOTICE...SPECIAL SALE ON A NEW GEHL MODEL 2160 HAYBINE, 9'3" CUTTING WIDTH

by Hesston

Also A 7 Ft. Machine Coming In

WITH SPECIAL FEATURES



Full header flotation
The cutting and conditioning mechanisms float independently of the main frame for better cutting control over uneven terrain In addition, the adjustable guard angle allows you to adapt your cutting header for difficult crops and field conditions and better hillside cutting

Stub guards - For heavy tangled crops

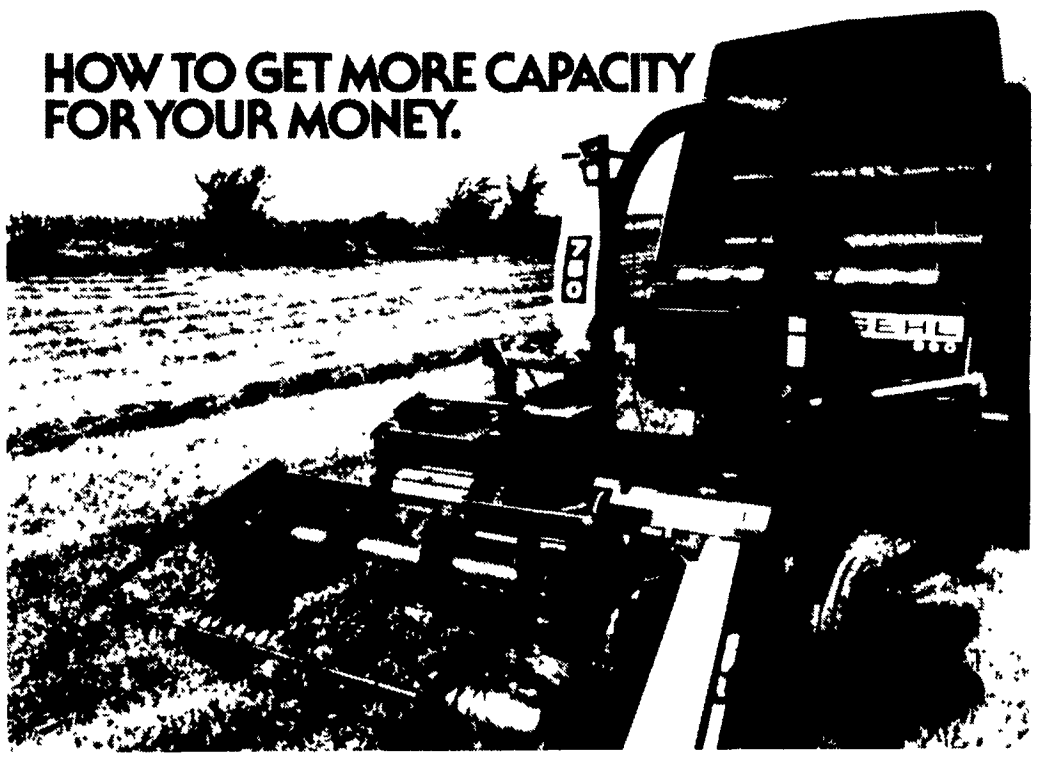
Slip clutch protection
The entire machine is protected by slip clutches, both on the main drive and on the reel as well

COMPLETE WITH HYDRAULICS FOR ONLY $8,243

No payments or interest until Dec. 1, 1984 With Your Trade-In

NOTICE: Additional Cash Discounts Available If You Stop By & Make Your Deal Now!

HOW TO GET MORE CAPACITY FOR YOUR MONEY.



If you re looking for a high capacity forage harvester to fit a 60 150 hp tractor look at Gehl s economical 750

You ll find the 750 is in a capacity class of its own

The first capacity secret we ll reveal is our special blower design

The cutterhead is actually set into the blower compartment

There are no cross augers

No dead spots

Just high speed forage move ment from windrow to wagon

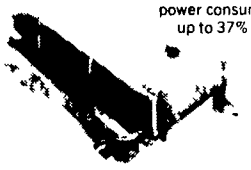
But that s just the start of the Gehl non stop forage flow story

Keep a keen edge

Since sharper knives also contribute to increased output we offer an easy

Powerful 8 knife cutting cylinder is set into the big 36 blower — keeps forage moving smoothly

Exclusive optional 30 gallon water injector system reduces haylage gumming and cuts power consumption up to 37%



quick sharpening system Gehl s patented in head hydraulic knife sharp ener puts a factory true bevel on knives The knife sharpener is optional on the 750 standard on other units And our single station cutterbar adjustment is the simplest you ll find anywhere

You wind up fine tuning your cutting system fast — right in the field And you cut your fuel bill even more

So make sure you get your money's worth in a forage harvester Check out the cost efficient Gehl line — the economical 750 the high capacity 1000 or the giant 1250

Please send me

- Information on Gehl forage harvester demonstrations
- Free forage harvester literature
- I am a student

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YEARS OF GOOD IDEAS

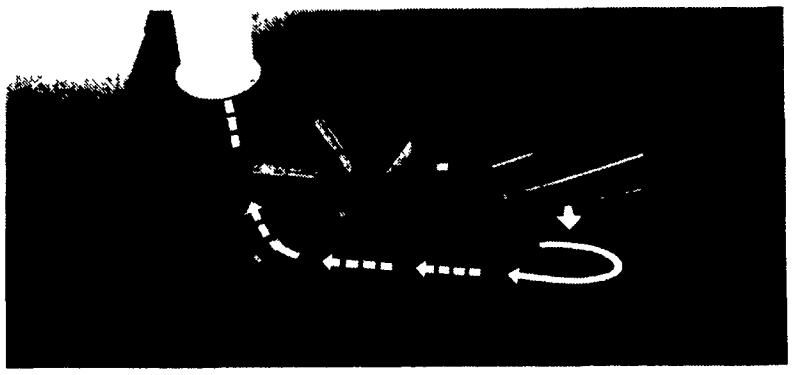
GEHL®

NEW DISCOUNTED MACHINES IN STOCK!

- **NEW GEHL CB 750,** Serial #4468 w/1000 PTO, Hyd. Spout Control, Lift Cylinder & Hoses w/Model 1100 Hay Pickup, 3 Bar Pickup, Low Deck Design & Adj. Gauge Wheels

- **NEW GEHL MODEL CB 1000,** Serial #1875 w/Tandem Axle for Smooooth Riding In Rough Fields At High Speeds (A Gehl Exclusive), Complete Hydraulics & Your Choice Of A Gehl 6 Ft. or 7 Ft. Hay Pickup

- **NEW GEHL CB 1250 SUPER CHOPPER** With Capacity Secrets You'll Like



capacity secrets

You won't find a higher capacity pull-type forage harvester than Gehl's 1250 The secret is in its material flow system Giant-sized compression rollers feed crop into the 25½" wide cylinder With the patented spinner delivery system, the material keeps right on moving nto the 41½" blower, and into your trailing box

The jetaway spinner delivery system is exclusive to Gehl's 1000 and 1250 forage harvesters It actually gives material a running start into the blower, hurling it in at nearly 40 mph no cross augers to plug

built to take it!

Gehl cylinders are built to take the load you put into them The cylinder on the 1250 is a full 25½" wide with nine knives all tungsten-carbide faced for longer life and a high quality cut With short bevel knives you get less chipping and longer edge life easier sharpening, and the 17½° angle reduces vibration

Uses As Low As 90 HP Up To 250 HP
(This Unit Coming In... Available)

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Located ½ Mile North of Rothsville
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REBUILDING
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FOR SALE
A C and Wisc 2 and 4 cyl power units with or without clutch reduction

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½ hp. thru 10 hp. 1 ph.
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SPECIALS ON NEW EQUIPMENT

New Tractors
684 RC 62 hp w/TA
784 67 hp
884 72 hp
3088 80 hp
3688 113 hp
5088 135 hp

New Tillage Equipment
IH 720 5F 18" auto-plow
IH 510 4F 18" plow
IH 475 12' disk harrow
IH 480 13' disk harrow w/cyl
IH 4500 VS field cult., 12'6"
IH 5511 Chisel Plow

Planting & Seeding Equipment
IH 800 6R air planter w/liq. fert
IH 5100 18x7 d.d comb. drill
IH 5100 16x7 d.d. comb. drill

New Hay & Forage Equip.
IH 428 baler w/thrower
IH 435 Baler w/thrower
IH 1190 mower cond.
IH 1490 mower cond. 12'
IH 781 harv. w/2R head
IH 881 harv. w/2R head
IH 130 16' forage box w/tan. 12T gear
IH 600 forage blower
IH 86 hay rake

Material Handling
IH 2250 loader w/72" bkt.
IH 1250 grinder mixer
IH 40 3 pt. blade, 8'
IH 540 spreader
IH 550 spreader
IH 560 spreader

USED PLANTERS & DRILLS

	LIST	SALE
IH 510 S.d. 16x7	$3850	$3500
IH MF S.d. 13x7	$ 450	$ 300
McCon. Ont. 16x7 d.d.	$1500	$1250
IH 56 2 row d.d. w/ins SOLD	$1250	$ 950
IH 56 4 row	$1250	$ 950
IH 400 4 row 38"	$1500	$ 950
IH 400 6 R 30" Planter w/insect. and cou-till	$3850	$2750

Waiver of finance until 5-1-85

USED TRACTORS

IH F-Cub w/1 Pt. & 5' Mower (Real Nice) $4250
IH 1486 w/cab and rad. tires. $24,500
IH 1086 D w/cab $22,500
IH 966 D hydro w/cab . . . $12,500
IH F350 w/fast hitch (nice) $2650
IH C. $1250
IH 484 D w/300 hrs. . . $10,500

Waiver of finance until 9-1-84

USED HAY AND FORAGE EQUIPMENT

IH 46 w/thrower $850
IH 37 baler w/thrower $1800
IH 430 baler w/thrower . . . $2850
NH 27 forage blower $975
NH 33 flail chopper. $950
JD 34 forage harvester w/2 row head $1500
Lamco 16' forage box w/roof . $1850
IH 56 forage blower $750
IH 45 conv. blower $100

Waiver of finance until 9-1-84

USED TILLAGE

JD 1350 4F-18", HC plow w/cylinder $2500
IH 531 3-F 14" mtd. plow $475
IH 710 5F 18" auto. plow w/cyl. $3950
IH 440 3F-16" 3 pt. plow (nice) $1250
IH 540 4F-16" plow . $1350
IH 550 5F 16" plow . . $1250
IH 710 5F 16" plow w/cyl $2250
IH 475 20' wing disk harrow w/cyl $4950
IH 311 3F-14" 2 pt plow . $350

SPREADERS AND MISC.

NI 214 spreader w/hyd. endgate . . $1850
Portable loading ramp (for cattle) $200
5th Wheel Steer Wagon chassis w/elec brakes and tires $450

MIFFLINBURG FARM SUPPLY, INC.

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Evenings - 717-524-2924 - Frank Saner

THIS WEEK'S SPECIAL
New AC 4 & 6 Row
Corn Planters
Conventional or No-Till

PLANTING & TILLAGE

New AC 4 Row & 6 Row corn planters, conventional or no till, Lely 10' power harrow, IH 710 for 16" semi-mount reset plow, 7000 planter 4 row narrow w/monitor & insecticide very good, Brillion 8' cultipacker seeder, Tye no-till seeders, Used AC 8' grain drill, JD 1240 4 row plateless planter, JD 4 row 3 point tool bar planter - 71 units like new, IHC 710 5-16" semi-mount reset plows, IHC 700 6 btm. 16" semi-mount reset plow, New & Used trailer sprayers, Mechanical Transplanter for bedding plants & trees, Glencoe 7 shank 3 pt. hitch chisel plow, AC 4 Row conventional air planter, AC, JD, Ford 2 Row 3 pt. corn planters; AC 5 btm. plow, MF 2 btm. 3 pt. plow, Bush Hog 10' plowing disc, JD 4 btm. semi mounted trip plow, Used AC, MF, JD, IHC transport disc.

USED TRACTORS

AC 7040 w/cab, 7030 w/cab, 7000, 200 w/cab, 190XT w/cab, 175D very low hours w/quick tach front end badger, 185, 160, D17 Series for factory 3 pt. gas & diesel, D15, 180 w/loader, 170 w/loader, B, C.
FORD 5000 Diesel late model, 4000, 800, 8N.
MASSEY FERGUSON 175 D, 135.
JOHN DEERE 4020 diesel, side console, 2640, 2440, 620, 530, 40 w/snow plow, M w/plow.
IHC 706, 140 w/cultivator, 100 high clearance, Super A comes w/equip.
KUBOTA 225 tractor w/cab.

FEEDING AND HARVESTING

NH 56 rake, NH 276 baler w/thrower like new, Gehl 900 side dump forage wagon, flail choppers, NH 38, JD 16A like new, IHC #8 very good, NI side delivery rake, NI 402 rake, NI 254 trailer mower 7', NI wheel rake, AC 6 ton running gear w/flatbed wagon, Hesston PT 7 & PT 10, 1090 mowditioners, Grimm hay tedders PTO & ground drive, NH 489 haybine, NH 1005 bale wagon like new, IHC, JD, AC, NH pickup heads, 270, 272, 279 new & used cutditioners, Hesston #10 stak hand very good, NH 352 mixer grindermill $1195, Hesston #30 stak hand & stak mover. USED HAY BALERS: NH 273, 276, 269, JD 24T, Hesston 4500, IHC 435- most w/throwers. USED ROUND BALERS: Hesston 5800 & 5580. NI cutditioners 7' & 9'. USED FORAGE HARVESTORES: Hesston 720, 2000-100, 2000-150, NH Super 717, 770 & 880. Large selection of used pickup heads for forage harvestores. Call for your needs. Used Kuhn & Fahr centipide hay tedders.

INDUSTRIAL

Case 530 tractor loader backhoe, Fayette 12 tongue tag along trailer, 615 Tractor Loader, JD 440 Log Skidder, NH 775 skid steer loader, AC 715 tractor loader backhoe, demo, AC 706D forklift 14' mast, Industrial MF 165 w/angle snow plow, JD 24A diesel skid steer loader, Used 18 ton tilt top equipment trailer, Ford 1800 Industrial tractor loader & PTO, Bobcat skid steer loader, 610 gas & diesel, 520, Gehl skid steer loader model L2500, Mechanic's Special. JD 350 B dozer 6 way blade.

MISCELLANEOUS

Century 3 pt. hitch 200 gallon sprayer, Great Bend quick tach front end loader off Farmall 826, also fits various other tractors, Pick Stone Picker, AC, MF, JD, IHC Garden Tractors w/mowers, Dunham Lehr Loaders, GMC Power Unit w/PTO Clutch, JD and IH 2 row Potato Diggers, AC factory cab for an AC 190 or 200, year round cab for JD 3020 or 4020, New & Used trailer sprayers.

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for AC, KUBOTA, HESSTON,
BRILLION, STARLINE, NEW IDEA

DEPENDABLE MOTOR CO.

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NEW EQUIPMENT SPECIALS

NH #488 Haybine (Demo)		$7100
NH #311 Engine Baler, Hitch & Chute, Steel Wheels		$8700
NH #311 PTO Baler, hitch and chute		$7120
NH #256 Steel Tine Rake		$2145
NH #256 Rubber Tine Rake	ONE ONLY	$2300
NH #456 Mower		$2470
NH #30 Blower		$2865
NH #28 Blower		$2915
NH #718 Harvester (1 only) Rental		$5600
NH #782 Harvester, manual controls		$9350
NH #782 Harvester, electric controls		$9890
NH #770W Pickup Head		$1925
NH #8 Forage Box, 3 btr. and roof w/234 wagon and 13:50 tires, adjustable tongue		$7240
NH 363 Tank Spreader		$4295
NH 519 Spreader, 11:20 Tires		$4725
NH #425 Skid Loader 60" bucket, 10:50 Tires		$12,675
Pittsburgh 4B 18" Semi Mtd. Auto Reset Plow		$5275
Pittsburgh 12' Field Cultivator, 1 only		$1295
Butler Nesseth Trail Manure Pump (Rental)		$4550
Hutchmaster Disc 22x¼" blades D.O.T. Flex Gang 5600 lbs.		$6200
Dunham 3 Bar 8 Tooth Chisel Plow Spring Loader 32" Shanks		$1695

PLUS MORE EQUIPMENT IN STOCK - CALL TODAY
• SPECIAL DEALS ON THE ABOVE PLUS FREE FINANCE ON NEW & USED NEW HOLLAND HAY EQUIPMENT TILL SEPT. 1, 1984 & FORAGE EQUIPMENT TILL SEPT. 1, 1984 OR SPREADERS AND GRINDERS TILL OCT. 1, 1984

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AMCO **DEALER FOR** Glencoe

BUTLER | Livestock Systems TERRE HILL SILOS HUTCHMASTER CENTURY

USED EQUIPMENT

NH 479 Haybine
NH 477 Haybine
7' 3 pt. hitch York Scraper Blade w/100 h.p. rating
NH 273 Baler
NH 272 Baler
NH #28 Blower
NH 770 R2 Corn Head
NH 717 N2 Corn Head
NH 717 Pickup Head
12' Mid West Harrow
Bush Hog 5' Rotary Mower
Case 4B Plow
Oswalt 1830 Ensilmixer

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USED TRACTORS

IH B
IH 656 Dsl
IH 706
IH 200 Farmall
IH 2050 A Loader w/Side Pump
JD 2010
IH 3300 B Skid Loader
IH 504 w/NI Loader
Farmall M
JD 620
#10 Hydra-Mac Skid Loader
IH 504 Gas Tractor w/2001 Loader
IH 686 Dsl. Tractor
IH 560 Diesel Tractor
IH 826 Tractor
IH Super C w/Planter & Blade
Cub Tractor w/Mower Plow & Cultivator
IH 454 Tractor
IH Farmall F 340
B 414 Diesel Tractor
IHC Tractor
MH 22 Tractor

HAY EQUIPMENT

OMC 540 Stacker
Hesston #10 Stacker & Mover
IH 47 Baler w/Thrower
IH 440 Baler w/Thrower
IH 990 9' Windrower
IH 5000 Windrower
IH #10 Flail Chopper, like new
Gehl 16' Forage Wagon
Gehl 912 Forage Wagon
NI 279 Cut/ditioner
Fox 656 Blower
Hesston 320 SP 9' Windrower
AC 504 Windrower
NH 351 7' Sickle Bar
NH 27 Blower
IH 56 Blower
VanDale 180 Feeder Wagon
Butler 1830 Feeder Wagon w/Seales
JD 66 Blower
Lamco 16' Feeder Wagon
IH #10 Flail Chopper, like new
Kools KB60 Blower
AC 14' Forage Wagon
Vicon 3 pt 2 Wheel Turner

TILLAGE EQUIPMENT

IH 710 4x16 Plow Reset
IH 720 5B 20" Plow
IH 370 Disc
JD 4x16 Reset Plow
Bush Hog 11' Disc
IH 401 12' Harrow
Athens #131 13' Disc
Niemeyer Power Harrow
IH 450 3x16 Plow
White #264 13 Disc, like new

John Bean Self Propelled Sprayer 34 - Booms

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Fox 2200 Harvester w/2 Row
Fox 546 Fg. Harvester
Fox 1000 Fg. Harvester
JD 38 Fg. Harvester
Gehl 600 Harvester 2RN Head & Hay Pickup
Gehl 72B Flail Chopper
IH 550 Harvester, and pickup

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Zimmerman 40' Elevator
Mayrath 34' Elevator
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IH 2 Wheel Trailer
Woods 5' Rotary Mower
IH 1150, 1250 Grinder Mixers w/Scales

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JD FBB 13x7 Grain Drill
Tye No-Till 80" 3 pt. Drill

CORN PLANTERS

JD 7000 6 row no-til
JD 1240 4 row
JD 494A 4 row
IH 455 4 row
IH 56 4 row
IH 449 4 row
IH 400 4 row w/no-til
White 5400 4 row no till
IH 2 row

30 USED PLANTERS, MUST SALE!!

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NI 224 Spreader
NI 218 Manure Spreader
NI 214 Manure Spreader
NI 213 Manure Spreader
NI 212 Manure Spreader
Hawk Bilt 357 Spreader
Badger 10' Manure Pump
Clay 1500 gal. Manure Tank
IH 550 Spreader
NH 790 Spreader
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768 3RWN Corn Head
NI 702 Dsl. Uni.
840 Feeder House
818 Combine
744N 4 Row Corn Head
844W 4 Row Corn Head
770 Ear corn Adaptor
710 Combine
NI #330 3RN picker
NI 323 1 Row Picker
NI 731 4RW Corn Head
IH 1460 Combine
IH 963 6 Row Corn Head

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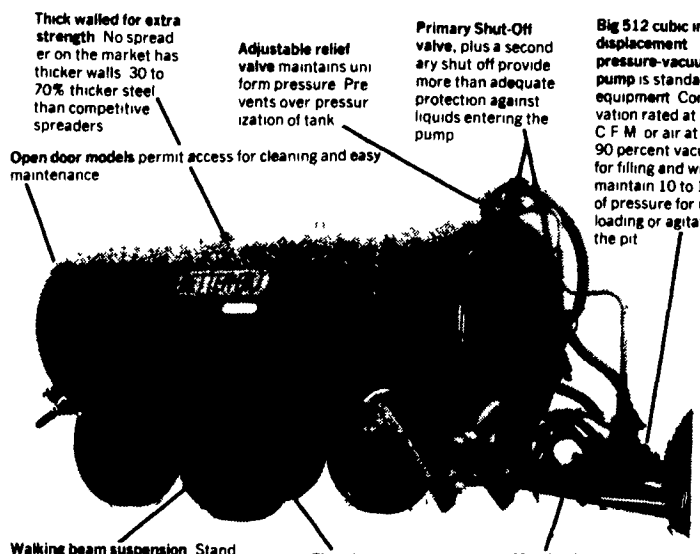
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Flotation tires reduce soil compaction let you spread on soft ground early in season
Massive frames resist the wrenching twisting jolting shocks of hard field usage year after year

Sizes - 800 gal. thru 4600 gal.
Both vacuum & augermatic spreaders for truck mount or trailer type

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1 - Used 1500 gal. Better Bilt vacuum spreader SOLD
1 - Used Better Bilt plow down attach. to fit a 1500 gal. liquid spreader

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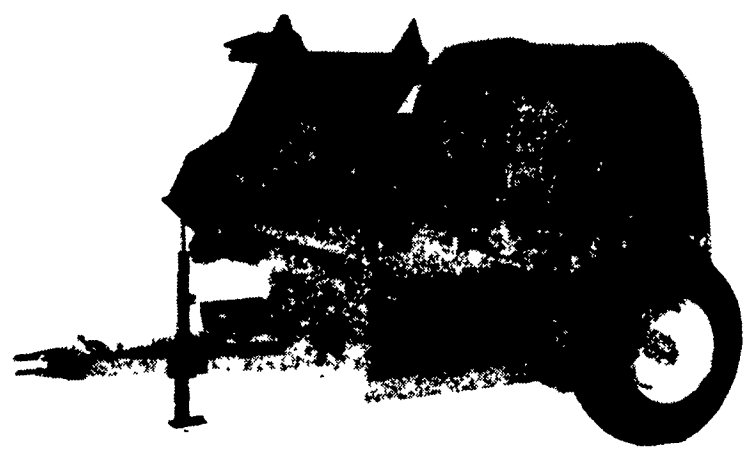

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6-65 H.P.

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(Engines in stock to fit most popular skid loaders)

Wisc.-Robin

W1-145 3.5 HP	$215
EY 18-3W 4.6 HP	$250
EY27W 7.5 HP, Recoil	$355
EY27W 7.5 HP, Electric Start.	$525
EY27W 7.5 HP, w/Clutch Reduction.	$436
EY27W 7.5 HP w/Pump Shaft.	$360
EY44W 10.5 HP, Recoil	$475
W1-390 11 HP, Recoil.	$485

Honda

G100 2 HP.	$199
G150 3.5 HP	$230
G200 5 HP.	$295
G300 7 HP.	$370

Kawasaki

KF 24GS 2.4 HP, 2100 RPM.	$199
KF 34GS 3.4 HP, 2100 RPM.	$205
KF 6.5GS 6.5 HP, 2100 RPM	$335
KF 82D 8.5 HP, 4200 RPM.	$370

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K 582 23 H.P. NH Skid Loader, Rep.	$775
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K301 12 H.P. Electric	$525

Deutz Diesels

F2L511, 2 Cyl.	$2,300
F2L410. 2 Cyl, Used	$1,150

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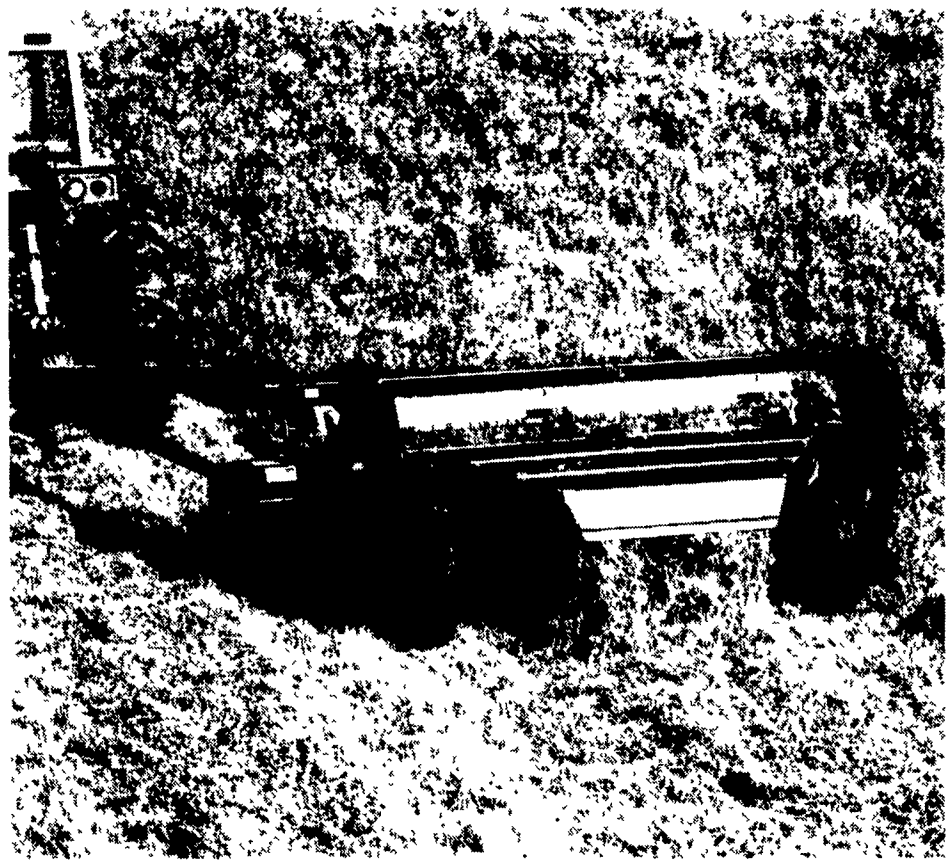
★ ★ ★ Adjustable 44" diameter reel feeds crop gently to the conditioning rolls.

★ ★ ★ Every drive component is fully accessable for easy servicing.



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EFFICIENT POWER FOR TODAY'S FARMS

TRY ONE THIS SPRING

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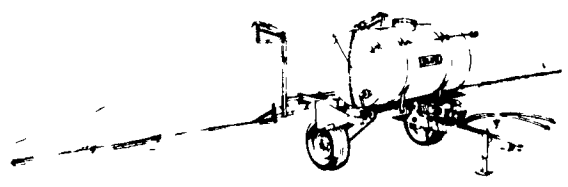

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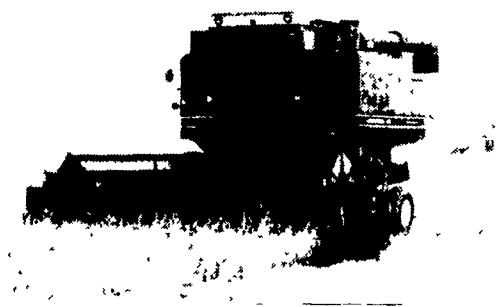
IH® COMBINE HEADQUARTERS

IH Axial-Flow Combines



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USED EQUIPMENT

TRACTORS

TAG#	DESCRIPTION
W7821	IH 4120 Skidloader
W7844	IH F450D
W8229	IH 966, 18.4x34 Tires
W8536	IH Farmall M
W8569	IH Super C, w/Cultivator, 2 Row-Mtd.
W8780	IH F450G, Fast Hitch, Belt Pulley
W8863	IH F656G Hydr., Fast Hitch
W8891	IH F986D, 18.4x38 6P Tires
W8934	IH F1206D
W8729	IH F1086D w/Rops
W8975	IH Farmall H
W8759	IH F706D w/3 Pt
W9022	IH 1066 w/Cab
W9040	IH F1206D w/o Cab
W9064	JD 4230H
W8997	Steiger Wildcat 210 w/18.4x34 Duals
W9095	Steiger Cougar II ST300 w/23.1x34 Duals
W9124	IH 1586 20.8x38 Duals
W9189	IH F806D
W9156	IH 84 Hydro.
W9194	IH F656G
W9260	Versatile 150 w/Loader

TILLAGE

TAG#	DESCRIPTION
T6493	Glencoe SSP, 11 Shank Soilsaver
T8693	Glencoe 13 Shank Soilsaver
T8034	Deere 110 Disc, 10' w/Duals, 9" Spacing
T8166	Deere BW Disc, 10', 8.5" Spacing
T7892	IH 710 Plow, 6F, 18" Auto
T8570	IH Super-C Plow, 2F, Mounted
T8187	Tebbins 13 Shank Subsoiler, Trailing w/Wings
T9270	IH 470 18' Disk
T8857	IH 14 Subsoiler, Auto Reset
T9020	Krause 2416 Disk
T9023	JD 215, 12'5" Disk
T9065	IH 370, 10' Disk
T9074	JD 210 Disk w/Trl Hitch
T9109	Bush Hog 10' Disk
T9120	IH 4500 20' Field Cult.
T9077	Brillion 10' Packer
T9125	White 252, 18' Disk
T9139	Krause 1765 Disk
T9134	IH 760 14' Disk
T9138	IH 37 8' Disk
T9262	Krause 1578 Disk
T9155	Wil-rich 15' Field Cult.
T9184	IH 4500 16½' Vibra-Shank
T9185	Brillion 16' Wing Spring Harrow

PLANTERS & DRILLS

TAG#	DESCRIPTION
V8682	IH 5100 2 Drill Hitch for 5100
V8881	IH 510 Grain Drill, 21x7 Comb., Single Disk
V7666	IH 400 6RN Planter, No Til, Dry Fert., Insecticide
V8298	JD 7000 4 Row Planter Plate, Liquid Fert.
V8932	IH #10 18x7 Drill
V9191	IH 510 21x7 w/Press Whls

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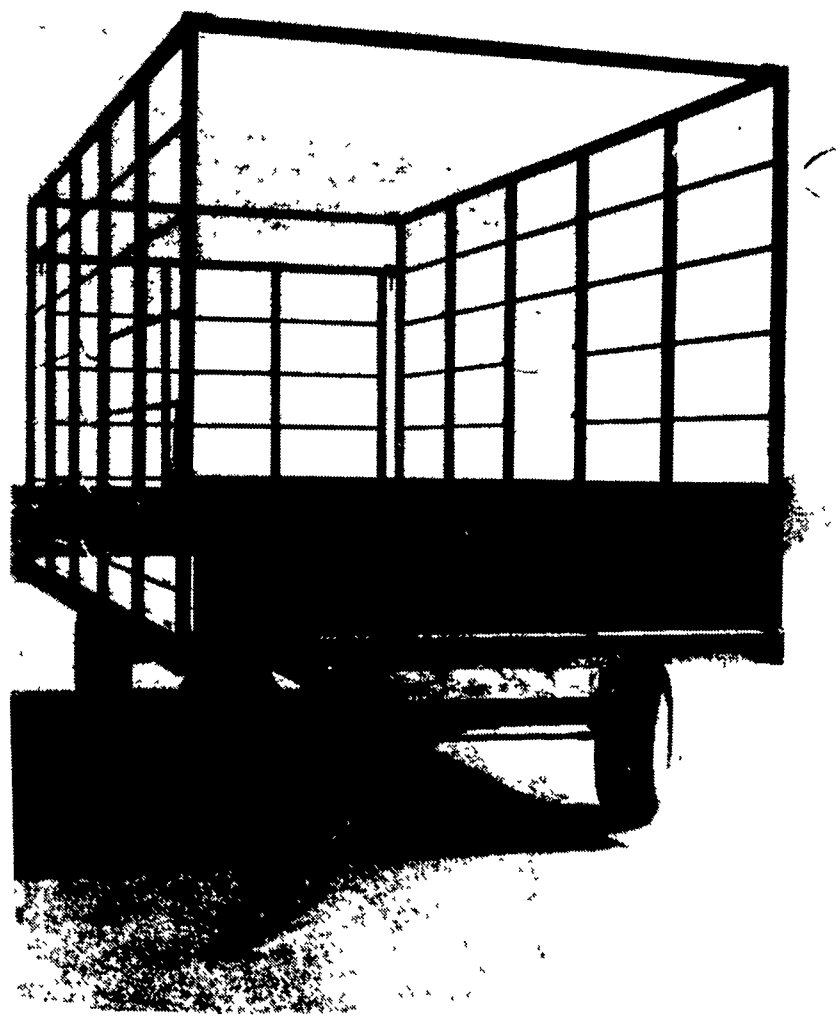

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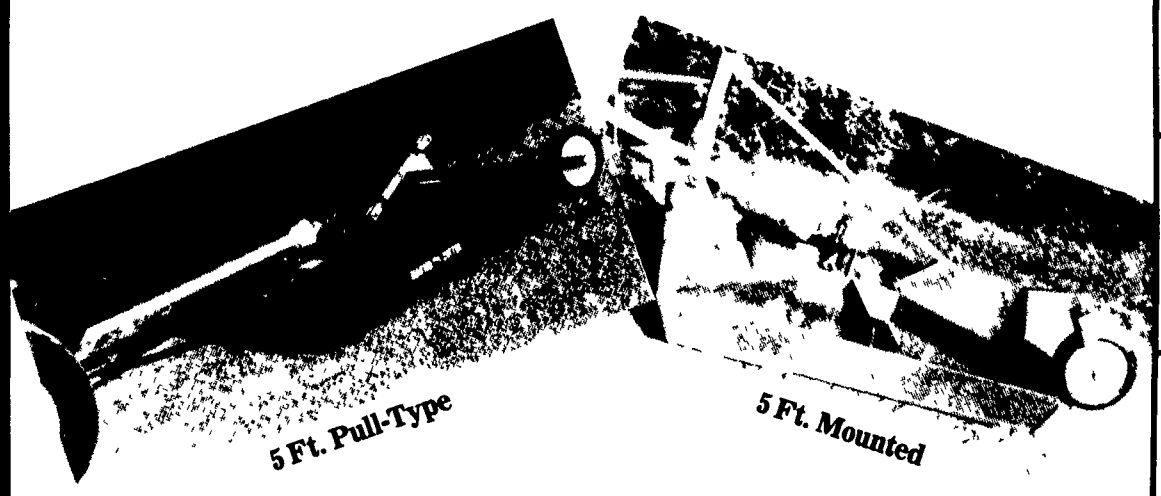

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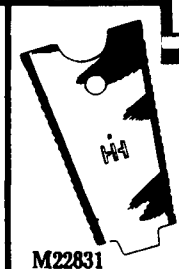

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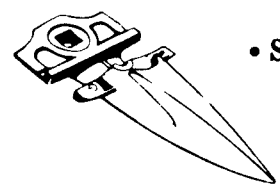

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  SALE
  $4.20
- Double Guard
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  SALE
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INT. 475 DISC
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JD 105 Combine
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Oliver 5x16 Plow
1-JD AW disk harrow, 14'
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JD 1008 Rotary Cutter - 10 Ft.

NEW EQUIPMENT
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JD 347 W Baler
JD 7100 8-row 20" bean planter
JD 7000 - 4 Row & 6 Row Conservation Planter
2 - JD 506 Gyramor
1 - JD 606 Gyramor
JD 660 Rake
2950 Tractor
4250 Tractor

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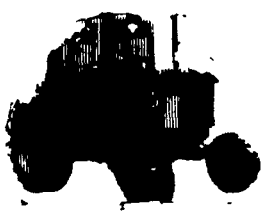

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234 4 Wheel Drive
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510 Plow
720 Plow

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This 9' mower conditioner or haybine is sold by four of the major farm machinery companies.
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Tractors & Equipment Just Traded & Purchased - New JD 244 D for $13,900, New JD 4440 SG, Cab, PS; New JD 4440 SG, Cab, Quad; Used JD 4440; C.A. PS, original, real nice; New JD 6-row conservation planter w/liquid fert., inst., & monitor; New JD hay pickup heads; 1970 JD 3020 D, WF, PS, Dual Hydr., (SOLD); JD 4010 D., WF, Original, JD 4030 Cab & Air; 4430 CAQR. JD 5020 w/Diesel whl.; JD 4320 w/cab; Farmall 186 Hydro Cab & Air; 706 Gas WF, TA, FH. Original Super M; IH 3788 2+2 used 700 hrs.; IH 3588 2+2 w/800 hrs.; Farmall 656 D, WF, TA, motor rebuilt; Farmall 706 Gas, WF White 4-150-4 WD for $11,900; JD 4020 side console w/cab; Farmall 656 Hydro D., real good, Case 1030 D 3 New MC; 9 ft. & 7 ft. rotary Sythe; Used MF 279, 272 cut/ditioner; NH 467 Haybine: NH 320 Baler w/thrower; Int. 400 4 row cyclo planter w/no-til; Brillion 21 ft. hyd. fold cultimulcher; Oliver 4xsp. reset plow; Case 1537 Skid Loader.

Farmall 1026 Hydro; JD 400 rotary hoes.
Late model JD 1209 Haybine.
Late Model Int. 990 haybine.
2-NH 479 Haybines, (SOLD).
Hay Equip. - Spreaders - Haybines: NH 489-2950, IH 1190-2450, JD 1209-2000, MC 9' rotary scythe, $1250, NI 279 cut/ditioner, $1500, MF 7' cut/ditioner, $1000.
Balers: NH 280, MA 269, $1250.
(Combines on our lot)
Used J.D. 6620 Hydro w/heads

New JD 4420 fully equipt. 443 C.H. Used NH TR70 Hydro w/13 ft. flex & 6 row N.C.H.; White 9700 rotary w/4 whl grain and 6 row C.H. 1977 JD 4400 Dsl. cab and air real nice; 1975 JD 6600D rotary screen, good cond. 1976 Int. 715D, w/air & 13 ft. grain, field ready, never used in corn. 1977 Gleaner L2 hydro w/6 row C.H. 1976 Gleaner FD w/C.A. and 2 heads, 1976 Int. 915D w/810 grain head. 1979 MF 550D, excel. w/grain and corn heads. 1975-MF 510D hydra. w/grain and 43 corn heads.
MF 410 D. w/cab & Q.T. Grain head.
MF 510D w/cab, Quick Tach grain Sale Price $5850.
1968 Gleaner CII diesel w/cab and 4 row C.H.
JD 7700 D w/grain & corn head.
1969 MF 510D, cab & 2 heads for $9500.
MF 300 w/cab & 2 heads for $2900.
1969 JD 55 sq. back corn special w/cab and 2 heads; Int 715 gas w/cab, 810 grain Int. 810 13 ft. floating cutter bar.
1972 Gleaner F w/grain & 4 row C.H.
Int. 105 w/cab 10 ft. grain and 2 row C.H. Gleaner E III w/cab.
AC 90 pull combine.
NI 702D w/cab w/chopper and 2 row C.H. $6250. 702 w/729 A sheller.
We have 4 N.I. Uni 729A shellers from $1500.
TRACTORS AND EQUIP. JUST PURCHASED, New JD 4240 C.A. and P. Shift, JD 4620 w/cab and new tires, real nice, JD 4640 C.A. PS 20x38 tires like new for $32,900. JD 2940 w/300 hrs., Used JD 2640 w/Hi-Lo dual hydraulic, $9875; JD 2010 gas 177 Sivo; Farmall 1086 C.A., $17,800; Farmall 886 w/cab and 18x38 tires like new, Farmall M, Case 930D, original, Case 1030D, JD 3020 S.C. P.S. WF, JD 2030D w/R.G., JD 3010 gas, MF 180 Diesel, Case 830 WF 3 pt.; new A.C. 8050 P.S. w/radial tires list 56, cost 44, our price $34,850 - MF 184 4 whl. drive, MF 1080, new JD 4050 C.A. P.S. used JD 4440 C.A. Q.R. looks like new.

Just Traded JD 4430 CA QR-nice.
Used JD 4040 w/R.G. and QR- nice. JD 4630 cab, air P.S. w/front whl. drive; JD 6030 C.A. Duals all original; Farmall 1586 C.A. real nice; Farmall 1486 C.A. w/radial tires, real nice, one local owner; 1086 C.A. original, Int. 784 utility D, 1066 Hydro original, Farmall 706 gas WF and 3 pt., 766 original, Oliver 770 gas, (SOLD); NI 325 picker w/sheller like new. NI 325 picker w/12 roll bed; N.I. 324 picker w/12 roll bed; Case 1370 C.A. PS - factory duals and full wts.
NI Combines Just Dealt. NI 717 combine w/13 ft. grain; NI 738 4R N CH; NI 10 ft. direct cut head; NI 3 row 30" silage head.
NI 713 Q Tach grain head.
Farmall 186 Hydro w/Cab & Air, (SOLD).
MF 1135 CA MP real nice. Farmall 1468 C.A. $8850.
Farmall 886 w/R.G., 560D w/F.H. Nice 756D WF and F.H. nice original, 756D WF 3 pt. Farmall 806 gas WF real sharp. INT. 656 utility D, nice original Farmall 450 w/2000 loader.
Int. 574 utility D, w/new tires, Int. 504 utility D w/2000 loader.
Farmall 460 gas TA, FH for $1975.00.
Used NI 323 1 row picker $2150 Used Int. 1190 haybine for $3250.
AC 7010 C.A., P.S., 20:8x38 tires, full wts., light package looks like new.
Oliver 880, W.F. fully equip., Farmall 1066 w/cab & air $12,800. Farmall 656 gas; JD 730 D, nice. JD 620 w/PS, Hay eq. MC 9E Rotary Scythe.
Rakes: new NH 256 for $2100; used NH 258 for $1600, (SOLD).
New Holland 1012 and 1010 Bale Wagon.
JD 3020 Tri D. JD 4020D W.F., D.L. and 2 values w/cab. JD 4020D W.F. P.S., JD 6030 C.A. real nice, JD 3010 Tri Gas, Farmalls 1586 4 post R.G. w/duals, 1066 w/cab, 1206 extra nice.
Int. 606 w/loader, MF 175D w/R.G.
JD 4020 D., W.F., P.S. and diff lock) 1972 JD 3020 D. WF, (Harvesters) NH 890 w/3 row 30" C.H. 2 row snapperhead and pickup head. JD 243 snapper head. Forage Wagons.
JD 216 - tandem axle. NI 325 picker w/12 roll bed, JD 237 mtd. picker and sheller.
(new) NI 323 corn-pickers at old price.
New NI 324 2 row picker.
Used Fahr rotary 7 ft. haybine. Glenco SS9 Soil Saver, JD 210 14 ft. Disc, Hesston #30 Stakhand.
CHISEL PLOWS- new Ford 13-ft. 3 pt. w/gauge whls.
HAYBINES- New NI 272 cut/ditioner- $3800; Used NH 489-$3875; NI 279 cut/ditioner used 1 yr. Used JD 1209 $2475; Int. 1190, New & used Grim 4 star hay tedders.
New Grim Hay Tedders
Used NI 279 Cutditioner, 2 NI 272 cutditioner, 4 used NI 270 cut/ditioner; NH 467 7 ft. haybine; NEW NI 406 rake w/front whl.; JD 660 rake w/front whl, like new.
Grinder mixers, NH 357 for $3850, (Just Traded) N.I. 702 uni w/729A sheller and 743 3 row Q.A. corn head, real nice and field ready.
New AC 7010 w/20 sp. trans. JD 4020 S.C. w/cab. MF 1135 w/cab. Farmall 350 w/P.S. and F.H.
Balers (new), NH 315 w/#75 thrower for $9300 reduced to $8975. JD 327 baler w/thrower used for 1500 bales. NH 280 w/hydraulic tension and thrower. New Idea #456 round baler; NH 320 w/thrower.
TRACTORS & EQUIP. Farmall 1566 w/cab and duals, Used White 2-105 w/roll guard.
Case 1410D, nice.
Cub 185 Loboy Cadet 1450, 682, 129, 125; JD 400, 317, 314, 210, 112.
New John Deeres 4240 cab & air Q.R. for $30,000; New JD 4440 C.A. QR w/radial 20x38 tires for $36,250.00. Local trade ins - Used JD 4230 CA QR, 4020 side console; Equipment - JD 1209 Haybine, JD 336 Baler w/thrower. Six real nice balers, JD 500 Round Baler; Used NH balers w/ throwers #280.
Corn Heads JD 643, 444, 244, 243, 843, 343, 443, 313 for 45C, 235, Massey Ferguson 1144 like new, 63, 43, 44, 24, 222, 422, Gleaner L438, F430, F438, K238, F335, F330, M430, K330, Int. 863, 864, 844, 744, 843, 227, NI 4 row 40" heads, Case 4 row 40", MF 44 & 43 Lo Profile, NH 4 row 38" C.H. New JD 444 $7350 reduced to $6875. JD 443 used 2 seasons; Gleaner A430 used 4 years. 60 corn heads on lot. NI 738 and 728 4 row 30"
New Int. 810 13 ft. grain head.
Used Gleaner L2 grain heads.
2 used MF 63C Corn Heads to pick from. 4 used #810 Int. 13 to 16 ft. reg. and floating heads.
(New Farmalls) 5088 C.A. for $34,850 New 3688 fully eq., $30,800.00. Reduced to $30,000.
(Used Farmalls) 966 original, 1206 real nice, 300, MH, Used JD 4230 w/R.G. We have 4 JD 4020 side console diesels. 1970 JD 5020; Ford TW20 w/cab w/220 hrs., damaged. 1972 JD 4020D, WF.
TRACTORS JD 4320, Farmall 544 gas W.F. Farmall 706D WF & 3 pt.; NI 324 picker w/super sheller used 80 acres.
JD 4020 W.F. power shift, good tires ; 1971 JD 4020 original; Case 1070 P.S. $6975; JD 4010 Tri D, Farmall 766, Case 930 Standard, New Holland 770 w/2 row 30" C.H. NH 890 Harvester w/2 heads, Deutz 9006.
CULTIVATORS - New Case 3 pt. 8 row Hydro fold. JD 4 row & JD 6 row rear.
CORN PICKERS - New NI 325 w/12 roll for $11,800, used N.I. 325 w/12 roll bed current model. Used (2) N.I. 324 w/12 roll bed (325 N. w/sheller), NI 3 row 30" picker w/super sheller, New Idea shellers and Super shellers, N.I. 2 row 30" picker w/ grinder. NI 319 mtd. picker, JD 300 w/2 or 3 row C.H. JD 300 w/243 C.H. NI 311 - 2 row.
NI 727 Uni Husking beds.
JD 4020 w/58 Loader, JD 4320 w/cab.
Farmall - 1568 w/cab & air used 1000 hrs., 1566 w/cab, 1466 w/cab. 886 w/cab, 800 hrs., like new. 856 w/38" tires, very nice; Farmall 460 Gas w/F.H., Farmall 756 gas, Hi Crop- 656 diesel, 756.
HARVESTERS. Used JD 3960 w/long tongue, (SOLD); JD 3800 w/2 row C.H. and pickup for $2850, N.H. 890 w/3 row 30"; NH 890 w/2 row; NH 770 w/2 row 30" C.H. Int. 720 - 2 row. Fox 2 row snapper head. NH 770 1 row snapper C.H.N.H. 890-2 new snapper head, new N.H. 890 new corn head used N.H. 770-H824 2 new corn head and pickup head, Fox 2 row 30" Silage Head, JD 1 row snapper head for 38 & 3800. JD 4 row Stalker head, like new.
New JD 5½' Fasting, Used JD 5½' & 7' Fasting.
Gehl recutter blower.
ALLIS CHALMERS AC 180D w/cab and air, 7040 w/cab, power shift like new, low hrs. 220 original, 210 w/new 20.8x38 tires, AC H3 Crawler w/blade and winch.
2 JD 4 wheel drives 8630 fully eq. w/duals; & 7520 fully eq. w/duals.
FARMALLS: 1066 red cab & air, Used 686 w/cab & air, 1206 w/cab, 806 w/3 pt. & 38" wheels, Farmall 656 Diesel & 656 gas, Farmall 826 hydro D nice.
New White 2-65 w/front whl. drive and new 1730 loader, list $29,000.
Dealers net $23,700. Our special price $21,850.
New White 2-105 w/cab $22,850.
MASSEY FERGUSON - 1065 w/cab, original for $8450. MF 85D w/new tires, MF 1155 w/C.A. M.P., MF 1130 for $6250. MF 1080D, MF 90D; Case 930 Standard D. real nice, Oliver 1950T w/cab and Oliver 1950T w/tank fenders w/over and under choice, $6950.00, 2050, 1855, 1850 w/cab, 1855 w/duals, MM Vista 1000 w/cab and loader.
New NI 324 picker w/super sheller list $15,390. Special $8,475. Farmall 706 w/310 German D. w/cab, JD 2520D, MF 1135 w/R.G. and dual wheels, Int. 656 utility Hydro D. NH 890 2 row snapper head. JD narrow 30" 2 row head, like new.
NI 325 pickup w/12 roll bed used 4 yrs.
Fords-5000D, 850, 1952-8N, 860.
N.I. 702 Uni tractors w/ combines & 729A and 729 Uni shellers w-3 & 4 row 30" and 40" heads. Used JD 13 to 15 ft. grain heads.
IND. EQUIPMENT - Int. 500E crawler loader w/270 hrs., like new. Cat 933 crawler loader.
AC 600-21 ft. forklift.
MF 6000 lb. forklift.
Howard 3 pt. backhoe.
Bobcat 720 Hydro Skid Loader.
Mechanics Specials. JD 3010 gas.
Case 1410. Farmall 706 gas needs trans work, $2900.
AC D19D, WF w/3 pt., needs motor work.
MF 1155 CA MP $8850.
Planters - New JD 6 row Conserv. no-til w/dry insect and monitor, JD 7000 6 row plate w/fert. inst., Int. 56 & 455 4 row planters; JD 1240, real nice; JD 1460 6 row no-til liquid plateless Inst. - $1975, JD 6 row conservation inst. fert. fill, population monitor and acre fully equip.
Int. #400-6 row liquid fert., Inst. and monitor, nice.
AC 8 row 20' 3 pt. no-til
AC 7 row no til, Oliver 6 row no til w/dry fert., inst., fert. fill and population monitor.
Cabs for JD and Int. 66 series Tractors.
3 new full vision cabs for M.F. 165 thru 1135. Glenco 12 ft. 9" Soil Finisher like new.
Brady 14 ft. pull chisel plow w/Buster bar.
Athens and Bush Hog 12 ft. and chisel plows.
Pick-up heads for NH 770, 717, Miller 12 ft. offset disk, JD Disks #210 - 12x14 ft. New Westfield grain augers 41 ft. 8" KD=$1395, 56 ft. 8" KD=1995. NI 214 nice, JD 54 spreader.
We have new 4, 6, 8 ton running gears at low, low prices.
Used Danuser Post Hole Diggers.
New JD front dozer blade for 4520 thru 4620, 4430 and 4640.
N.H. 38 flail chopper, like new.
NH 36 Flail Chopper.
JD 16A Flail Chopper, (SOLD).
NI 319 mtd picker w/12 roll. JD 6 & 8 row front cult. New 15 ft. rotary cutter, Oliver 3x rollover.
PLOWS - JD 5x hyd., JD 2500 - 6x18 sp. reset, Int. #700 6x16 sp. reset w/colters etc. for $2650. Ford 5X sp. reset, Oliver 4x16 rollover, JD 3x16 rollover, AC 6X reset plow, MF 4x16 3 pt. plow; New Ferg. 10 ft. chisel plow w/gauge whls., Used Chisel Plows Brady 12 ft. & 10 ft. chisel plow, New IH 3 pt. field cult. 12', Used 3 pt. 5 & 7 shank V-riffers, Bestland rock picker. New Johnson loader.
Used Brillion 13' roller harrow; New Brillion 13' Roller Harrow; JD 7' rotary cutter, John Blue Sprayer, Int. 475 18' Hydraulic Fold Disk.
Used JD 330 hydraulic fold disk. Howard 13 ft. rotovator.
New 12 ft. 3 pt. field cultivator.
New Landoll 24 ft. hydraulic fold chisel plow.
2 new DMI 12 ft. pull chisel plows, JD and Oliver 4, 6 & 8 row front mtd. cult.
Straw choppers for combines; JD 4400, 7700, 6600, MF 510, 550.
Ford 12 ft. Heavy Disk. Kawanee 22 ft. Wing Disk.
Int. & JD 10 and 12 ft. Transport Disks.
Used JD 8300, 21x7 DD w/gauge whls. & press whls.
Used JD 8300 21x7 D.D. w/grass seed. Int. 510 21x7 D.D. w/press wheels 2-sets of press wheels for JD drills.
MF 43 22D w/grass seed.
New Fast Hitch 3 pt. adaptors for Farmalls.
Loaders, new Int. 2355; Used JD 148, JD 58, JD 46A Int. also set of 48 forks, like new, (new); Int. 2000 loader, 1 Int. 2001 loader, new Great Bend loader w/7 ft. bucket; 3 pt. hitch for 630 and 730 JD tractor. New and Used J.D. Quick Couplers. 2 Used 30.5 x 32 tires.
TRUCKS - 1979 Chev. C65 24 ft. rollback w/61,000 miles, like new.
Int. Scout 4 whl. drive, Delta 44 ft. combine trailer, 1980 Silverado Chevy diesel w/every option, looks like new.
(New) NH Direct cut head for 770. (New) Kill Bros. gravity bins. New Kill Bros. 6 & 8 & 10 ton running gears. Pick up heads for JD 3960, 3800, 38; Int. 550, 650, 350, Fox pickup head, (20) sets of dual wheels all sizes.
JD front & rear weights, IH front and rear weights.

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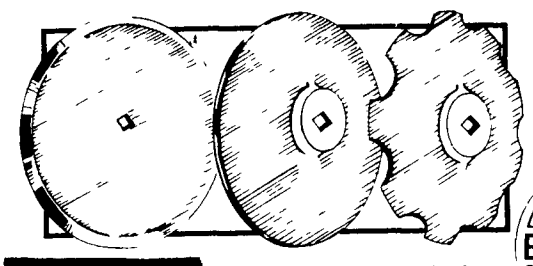

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EARTH METAL DISKS:
60% Stronger!
20% Longer Life!

C-shape bearing standards Allow gangs flex to ride over obstructions.

IH 496 FLEX WING DISK HARROWS WITH EARTH METAL DISKS!

Model	Cutting Width	Disk Blade Spacing	Blade Sizes Available	Transport Width	Operating weight With Blade Sizes
496 Folding Wing-Type	18 ft 7 in 22 ft 2 in 24 ft 7 in 28 ft 1 in 31 ft 8 in	7½ in	20 or 22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	20 in 6598 lb 7326 lb 7807 lb 8513 lb solid 9137 lb
	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	6750 lb 22 in 7370 lb solid 7847 lb 8482 lb 9224 lb
496 Cushion Gang	19 ft 1 in 22 ft 24 ft 10 in 27 ft 8 in 32 ft	9 in	22 in	12 ft 5 in 12 ft 5 in 14 ft 8 in 14 ft 8 in 14 ft 8 in	7125 lb 22 in 7667 lb solid 8105 lb 8911 lb 9700 lb

New....
22'2" - 7½" Spacing, Cushion Gang - Model 496

18'7" - 7½ Spacing, Cushion Gang
19'1" - 9" Spacing, Regular Gang
19'1" - 9" Spacing, SOLD Cushion Gang
22'9" Spacing, Cushion Gang

WAIVER or CASH REBATES ON DISK HARROWS TIL 9/1/84

CALL US FOR IH DISK HARROW PARTS IN STOCK!

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• In Stock - Ready For Delivery •

Trailer Load Just In! 16x7 Plain 18x7 Plain 20x6 Plain 24x6 Plain

★ WAIVER TILL 5/1/85!

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415 Packer Mulchers, 12'2, 13'2, 14'2 & 21' In Stock
No. 14 Subsoiler, Auto Reset, 5 Shanks
IH 4600 Hyd. Folding 26' Field Cultivator-Demo Avail.

TRACTORS, COMBINES & EQUIPMENT
4% DEALER ALLOWANCE AVAIL. DURING JUNE!

JULY ALLOWANCE—3%

WAIVERS or CASH REBATES NOW AVAILABLE...

New Ag Tractors	Til 1/1/85
New Combines	Til 9/1/84
New Planters And Cultivators	Til 5/1/85
Field Cultivators & Packer Mulchers	Til 3/1/85
Hay Equipment • Extra 10% Discount For May Purchases	Til 9/1/84
Materials Handling	Til 11/1/84

CALL NOW FOR OUR SPECIAL PRICES!

- 884 Row Crop
- 3688 D w/Rops, Plus Demo
- IH 4600 Hyd. Folding 26' Field Culti.- Demo Avail.
- 328C D w/Rops
- 15 Rear Blade, 3 pt.
- 20 Rear Blade, 3 pt.
- 181 15 Ft. Rotary Hoe (In Stock)
- 5500 11 Ft Mounted Chisel (Demo.)
- 4500 Field Cult SOLD
- 735 6-Btm. Vari-Width-8%
- 1350 Grinder Mixer
- 881 For. Harv. w/Heads
- 781 For Harv. w/Heads
- 595 Spreader
- 560 Spreader
- 183 4-Row Cultivator
- 183 6-Row Cultivator
- (2) 963 Cornheads
- 35 Hyd. Drive Hay Rake
- 375 10 Ton Tandem Wgn Gear

ALLOWANCES ON TRACTORS UP TO $6,000 PLUS WAIVER OR CASH REBATE!

★ IH 884 R/C
★ IH 3088 ★IH 3288 w/ROPS
★ IH 3688 w/ROPS, Demo Special!
★ IH 5288 - Rental Demo - Special!
★ IH 5088 w/18.4x38 Duals

IH 6788 TRACTOR
4 Wheel Drive, 160 + HP,
18.4x38 Duals...
CALL FOR PRICE!

USED EQUIPMENT

TRACTORS: (Waiver to 9/1/84 or Cash Rebate
IH 806, 3 pt. Hitch, Wide Front, TA, $5950 (No Trade)
(2) IH Farmall "C"
Farmall Super C w/Fast Hitch & Cult.
Farmall 300
Int. F12 w/cult.
JD 2010 D, Tri.
IH 966D w/Cab
IH 806 Diesel, Wide Front, TA, Fast Hitch
IH 450 Gas, wide Front — $2250
IH 404 Low Utility, 3 pt. Hitch, w/Mott Mower & Snowblade
IH 154 w/Mower-Rebuilt and Repainted, $3950!
MF TO-20 w/Turf Tires
MF 33 w/3 pt. Hitch
MF 65 Diesel w/MF Loader
MF 35 Diesel
IH 240 w/Fast Hitch
IH 340, Tri., Nice Paint
Ford Jubilee

HAY & FORAGE EQUIP
(3) IH No. 51 Forage Wagon
IH #5 Flail Chopper, Direct Throw
33 NH Flail Chopper
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper
NH 36 Crop Chopper
1014 Hesston Mower Cond.
NH 269 Baler
IH 27 Baler w/Thrower
IH 47 Baler w/Thrower
IH 440 Wire Baler w/Thrower
5026 Elec. Wheel, 8 ton Gears
IH 25B Mower for H or M
IH 35 Rake, Ground Drive, with Dolly Wheel — $2,100
IH Direct Cut Head Ford 25 or 16 Chopper
IH 40 Shredder

PLANTERS:
(Waiver on Gr. Drills to 5/1/85)
JD 7000 Conservation, 6 Row, Liq. Fert., Like New — Coming In!

PLANTERS:
IH 2-Row Fast Hitch
IH 2-Row Trailing
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert.
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq. Fert., 30" Rows w/DEMCO Squeeze Pump — Nice!
JD Van Brunt 13x7
JD 15x7 Drill, DD, Comb.
IH Fast Hitch, 2 Row Cult., Like New
IH 200, 3 pt. Hitch, 2 Row Cult., Like New
8' Brillion Packer Seeder

COMBINES: (Waiver to 1/1/85)
715 Diesel Hydro w/13' Floating Cutter Bar and 744 Cornhead
AC Model C2, 12' Hd., 4-Row Wide - Rough Cond - $2,000
MF Model 300 Gas, 2-Row Hd, & Platform - Rough Cond. — $1,200
810 13' Cutter Bar
IH 1460 (1980 Model) w/963 Cornhead — 1100 HRS, Like New!
MH 35 SP 8' Platform, Fair Shape
715 D Hydro, 1976 Model, 820 15' Cutting Bar — Real Nice
JD 4400 1977 Model w/213 Floating Cutter Bar & 443 Cornhead, 1355 Hrs.
IH 315 Hydro w/12' Platform, Field Ready, w/PU Wheel & Hyd. Lift
IH 315 Hydro (For Parts)
IH 403 w. 4-Row Wide Head & 12 ft. Grain Platform
IH 844 Cornhead
IH 315, 2-Row Wide Head
IH 227 Cornhead, fits 315, 205 or 203
IH 234 Picker w/Husking Bed, Mount for 656 Farmall
Set of Tires & Rims for 1420 Combine - 23x134 Rice tires

MATERIALS HANDLING:
Front Mtd. Forklift for 20 Series JD Tractor
Farmhand Loader for IH 74 Series Tractor

LAWN & GARDEN:
IH 76 w/Mower & SOLD er
MF 340 Snowmobile, Good Shape — $750
Gilson 10 HP w/Blade & Mower — $1050
Dayton 10 HP w/Blade and Mower — $1050
Ford 917 Mtd. 3 pt. Mower, Like New SOLD
Bolens 1050 with Roto Tiller & Snow Blade — $750
Sears 16 Hp SOLD $650

TILLAGE:
Brillion 16' Single Packer, Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' — $750
JD KBA 12' Disk
JD 2500 7-Bot. On Land Auto. Reset Plow
IH 37, 35 In Various Sizes
IH 55 Consertil 10 Ft. with Busterbar, Trailing
Oliver 4-Bot. Semi-Mtd. Plow
IH 440 4-Bot. Plow
IH 645 Vibra Chisel, 13½', Trailing
IH 45 Vibra Cult., 12½', Trailing - $1,250
IH 45 Vibra Cult., 13½' Folding
AC 1-Bot. Trailing Plow
MF 520 20' Folding Disk
Bush Hog 3 pt Hitch, Mtd., 10' Chisel Plow
Vicon 10' Power Harrow — Was $2,500 — Now $1900

MISCELLANEOUS:
New FMC DO-10E 200 S, Electric Start Trailing Sprayer, 200 Gal. Stainless Steel Tank w/10 GPM Pump — $3,350
McCurdy 20' Trailing Harrogator — $1,400
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor — $750
Rhino 131 12' Flex Disk At Below Dealer Cost
Melroe No 600 Rock Picker
IH 80 Snowblower, Like New!
(5) Cushman Golf Carts — $350 ea
IH 1600 Truck w/9' Dump & 9' New Midwest Body — $4250
Athens 15' Bat Wing Mower (In Stock)

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Special Price On Diesel Unit Available
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NEW EQUIPMENT

- Vermeer 605H Baler
- Vermeer HL12 Bale Mover
- Vermeer 107 No Til Grain Drill
- (5) Scranton Round Bale Feeders
- (1) Hedlund Martin 1263 Scavenger II Spreader
- (1) Vicon 230 Gal 3 pt Hitch Sprayer with 35 ft Booms
- (1) Vicon 108 Gal 3 pt Hitch Sprayer with 21 ft Booms
- (1) Vicon 600 lb spreader
- (3) Vicon 950 lb spreaders
- (1) Vicon 1900 lb Fert Spreader
- (1) Vicon 15' Power Harrow
- (1) Vicon RP 1200 Round Baler
- (2) Vicon RP 1210 Round Baler
- (1) Vicon SP450 Square Baler w/Thrower
- (1) Vicon 460 Square Baler w/Thrower
- (2) Vicon 8' Mower Conditioners
- (1) Vicon 11' Mower Conditioners
- (1) Vicon 5½' Mower
- Haybuster 256 Bale Buster (Demo)

USED EQUIPMENT

- Haybuster 1068 Semi-Mounted No-Till Drill
- Vicon 10' Power Harrow
- 650 lb New Idea Fertilizer Spreader, 3 pt
- New Idea Manure Spreader w/Hyd End Gate

RED WING FARMS

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Stop...Look...Call!!!

TRACTORS: JD 2150 4-WD $17,700, 2350, 2550 4WD, 4050 $39,100, 4250 2640 $19 200 2020 Gas JD 'A' Ferg Ind Ldr Ford 850 w/Side Mt Mower & Snowblade Oliver 1450 D Utility

PLOWS JD 4200 3 Bot right & left JD 416 A 3 Bot 3 Pt

PLANTERS JD 7000 4 Row Liq Fert $11 500 and 6 Row Liq Fert $14 200

CONDITIONERS NH 472 & 479 JD 1219

BALERS JD 337 & 347 NH 311 $8 600 NH 316 NH 283 $3500 NH 271 w/Thrower $1995, NH 68 PTO w/No Thrower

COMBINES. New JD 4420 w/attachments, 2 used 6620 Sidehills, 15' & 16' Tables, 4 & 6 Row Cornheads

KILLBROS Used gravity box, NH 353 grinder mixer, $6,200, Tye Drill (Demo) $6,500, VICON & LELY spreaders

RAKES: NH No 256, $2,750, NH 258

CENTURY Sprayers NH Mowers, 3 pt 451 7' bar, JD & WOODS rotary mowers pull and 3 pt

NH 1003 Bale Wagon $10 000, LAMCO flats NH 782 Harv w/windrow & 2 Row 30 Cornhead $14 700, NH 30 blower $3 050 NH TD 200 15 Transport Disk $9 500 Westfield Augers

SPREADERS JD 40 NH 329 & 513 NH 519 $4 900 Used JD 40

JD 18 7 and 21 7 drills JD 115 disk 425 disk $6 200

DEERE & WOODS 3 pt rear blades DEERE 716A For Box on 1075 Wgn $7 750

JD 148 loader, JD 290 2 row cornplanter NH & LITTLE GIANT bale elevators, HESSTON Stak Wagon $1,995

E-Z FLOW Fert drill, $495 HARDI air & boom sprayers, NH 425 skid steer Ldr, w/2 Buckets, $10,000, PEQUEA & KUHN hay tedders

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- 48 HP Tractor with rotary cutter or other tools!
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with hyd. augers, sep. engine to run hyds., use for fert. or feed.
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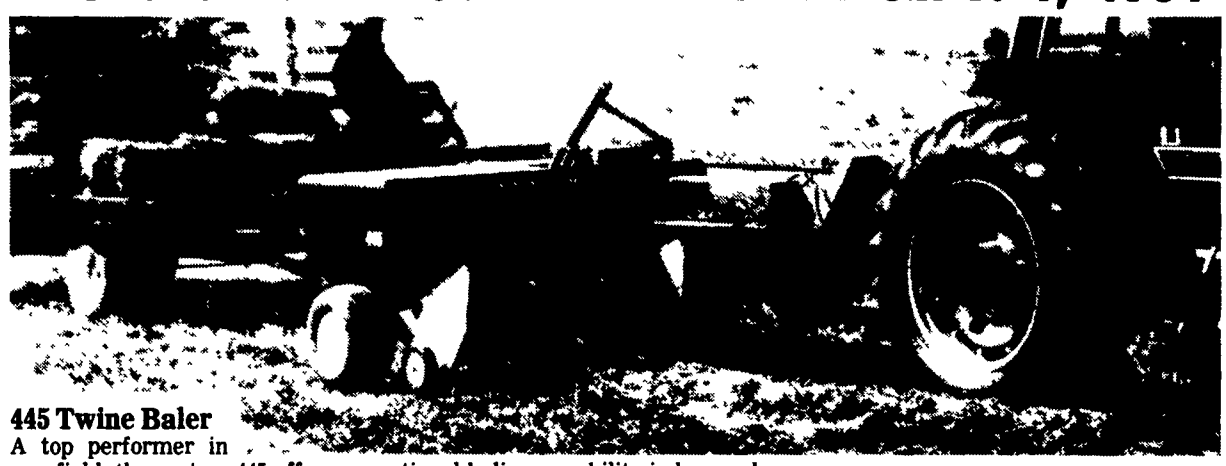
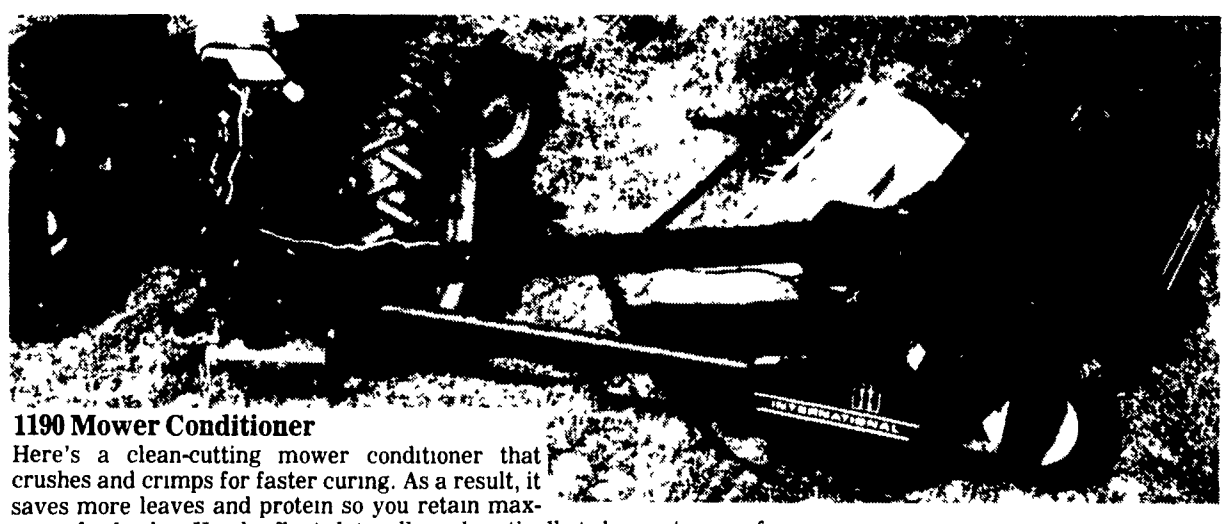
MAKE HAY THE IH WAY...

BIG CASH SAVINGS & WAIVER TILL SEPT. 1, 1984

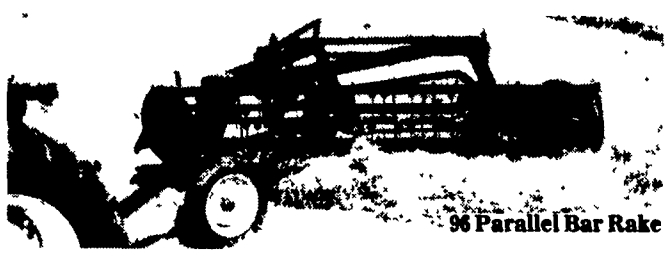


445 Twine Baler
A top performer in any field, the custom 445 offers exceptional baling capability in hay and hard-to-bale crops like cane, sudax and millet. Up to 19 tons (17.2 mt) per hour capacity. Equipped with a 6-bar, 65-inch (1.65 m) pickup with 120 teeth, plus a gauge wheel.



1190 Mower Conditioner
Here's a clean-cutting mower conditioner that crushes and crimps for faster curing. As a result, it saves more leaves and protein so you retain maximum feed value. Header floats laterally and vertically to harvest more of your crop.

600 Forage Blower
Fills 100-plus feet (30.5 m) silos at capacities up to 180 tons. (163.3 mt) per hour with no crop drop-off. Combines a unique hopper design and a 12-inch (305 mm) auger with 30-degree entry to the 60-inch (1.5 m) rotor with a rotating backsheet. Cupped paddles provide a center discharge for high-capacity blowing.



96 Parallel Bar Rake
Provides efficient single or double windrowing capacity. International 96 and 97 dual rakes let you combine two windrows or swaths into one with a single pass to reduce fuel, labor and time requirements while maintaining valuable crop nutrients.
Wide raking width. Both rakes measure 9.5 feet (2.9 m) wide for top raking capacity. The dual rake hitch bar adjusts so you can combine two swaths from a 14 foot mower conditioner thereby improving the efficiency of your high capacity balers and forage harvesters. Wide, double windrows also help round balers produce a tighter, more weather resistant bale.

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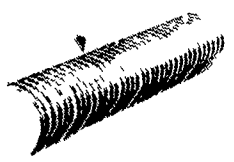
JD 4020D-Power Shift-Trans.-Slips - $5000
JD 720D-WF-3 pt. - Good Cond.
IH Super M - Fair Cond.
AC B w/Plow & Cult. - Extra Nice
Ford 9600 Cab - As Is - $5500
IH Cub w/Cult. - Fair Cond.
Case 830D - Good Cond.
JD 330 - Very Nice - Only a few made
Long 310-4WD-Loader - New
Long 360 2WD & 4WD - New
Long 460 4WD - New
Mitsubishi Bison 4WD - New
Farmall H
(4) Ford 800 & 4000 w/Mowers
IH B414 Gas - Good Cond.
IH 404 - Good Cond.
IH Super A - Very Nice
MF 30 w/Loader
JD 430 - Good Condition
JD 4020D w/Duals
IH 1466 w/Cab - Air - Very Nice
JD 730D - Good Cond.
Case 1190 - New - Cheap Price
Farmall 560D - WF
JD 80 2 cyl.
JD 4020 D - PS - Console
AC D19 D
IH 340 - Try - PS - Very Nice
JD 4230 Cab-Air-Quad-4WD-1975 - Low Hours
Long 560-4WD w/Loader
Oliver 1800D-WF-3 pt.
JD 50

SPECIAL PRICES ON ALL NEW EQUIPMENT

ROTARY MOWERS

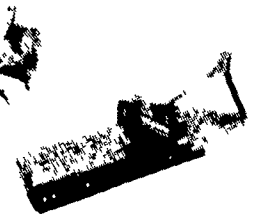
4' 3 pt	$385
5' 3 pt	$395
6' 3 pt	$645
7' 3 pt	$1295
4' pull	$545
5' pull	$595
6' pull	$795
7' pull	$1495



3 PT. ROTOVATORS

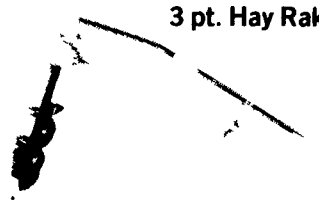
55" HD	$1295
60"	$1095
71" HD	$1695
72"	$1395
88"	$1695

MORE SIZES AVAILABLE



3 PT. SCRAPERS, ETC.

6' Blade	$175
7' Blade	$195
8' Heavy Duty Blade	$595
6' Landscape Box	$495
7' Landscape Box	$595
6' Stone Rake	$495
7' Stone Rake	$550
8' Stone Rake	$595



OTHER NEW BARGAINS

6½' 3 pt. Disc	$495
1 Row 3 pt. Cultivator	$95
3 pt. Potato Plow	$95
3 pt. Boom Pole	$79
3 pt. Boom Pole - HD	$179
12" 3 pt. Post Hole Digger	$495
9 Tooth 3 pt. Chisel Plow	$495
3 pt. PTO Woodsaws	$450
3 pt. Seeders	$395
2 Axle 4 Ton Trailers	$1450
1200 Bushel Corn Crib	$895
3 pt. Hay Rakes - Wheel Type	$495

HARVESTER HEADS

(3) NH 2x30 for 717 or 770
(2) NH 1X for 717 or 770
NI 1X Snapper for 717 or 770
NH 717 or 770 Pickup Attach.
(2) NH 880 or 890 Pickup Attach.
NH 2x30 Snapper for 880 or 890
NH 3x30 for 880 or 890
NH 818 Pickup Head
JD 243 Snapper Head
JD 3x30 Chopper Hd.
Fox Pickup Head
Fox 2x30 Cornhead
NH Cutterbar for 717 or 770
Fox 2x30 Snapper Head
Fox 2x40 Snapper Head
Fox 3x30 Snapper Head
Gehl 2x30 Snapper Head
(3) IH 2x30 for 50-550-650 etc.
(4) IH Pickup Heads for 50 to 650
(2) IH Sickle Bar for 50 to 650
IH Pickup for 15-16-350
NH 2x30 for 880 or 890

NEW IDEA UNI SYSTEM ATTACHMENTS

731 4x40 Cornheads
844N Cornhead
743N Cornhead
725 & 735 3x30 Cornheads
High Moisture Throat
766 Pickup Head

CULTIVATORS

JD RM4-4X 3 pt.
IH Cub 1X
(2) IH 2X For H or M
JD 2X For H
JD 2X For 420
2X 3 pt
(2) IH Super "A"

GRAINHEADS

25 on stock to fit most Makes and Models

COMBINE CORNHEADS NARROW ROW

AC A330, FL330, LM430, G430, C II 430, C630
JD 313, 334, 434, 435, 343, 643, 443
IH 329, 429, 733, 743, 833
MF 321, 33, 43, 63
NH 4x30, 4x30 QT
Oliver 3x30, 4x30, 703N, 704N
Case 3x30

CABS FOR THE FOLLOWING COMBINES:

IH 815, 615, 315, 403, 303, 203
JD 4400, 3300, 55, 45
MF 760, 510, 410, 300
AC C II, E
Case 660 | NI 701, 702
NH 975 | Oliver 535

SPRING TOOTH HARROWS

JD 8' Drag | 12' 3 pt
11' Drag |

DISC'S

JD KBA 28
IH Wheel Disc - 8'

POTATO EQUIP.

Oliver 1X PTO Digger
Iron Age 2X Planter

COMBINE CORNHEADS WIDE ROW

AC E240, E III 240, KL238, A240, C440, G440
JD 205, 210, 234, 235, 334, 434, 244, 344, 444
IH 227, 228, 229, 724, 327, 429, 744, 824
MF 22, 222, 322, 422, 24, 44
NH 2x40, 4x40 QT
Oliver 2x40, 3x40, 4x40
Case 2x40, 4x40

WAGONS

Feeder Rack w/Gear
(3) Metal Bale Throw Racks
(4) Flat Bed Wagons
(2) Wooden Bale Throw Racks
Gehl Forage Wagon

DISMANTLING FOR PARTS

AC HD3, HD4, HD5, HD6, 1600
Case 310, 320, 530, 580, 680
Cat D2 5U
Cat D4 7U
Cat 933 11A
Cat 955H 60A
Cat 977 20A
Ford 4500
IH TD6, TD9, TD14A, T6
IH 340, 100C, 125C, 175C, 500
IH 350, 3444, 3400, 3600
JD 420, 440, 350, 450
JD 540, 540B Skidders
JD 544B Loader
JD 300, 400, 500
Oliver HG, OC3
Over 3000 Farm Tractors
Over 1000 Farm Implements & Combines

LOADERS

Ford Off 8N
JD Off 300
Freeman Of 880 Brown
IH 2000 Off 504
AC Off I600
IH Off 464
JD 36 Off 2010
Davis Off 800 Ford

BALERS

NH 315 w/Thrower
NH 77

TRUCKS

1974 Ford Single Axle Diesel Tractor $6450
1970 Ford 900 Single Axle Construction Dump . . . $7950
1977 Chevy Pickup . $2450
1972 Ford F350 w/Service Body . $1495
1947 Ford Fire Truck $2950
1976 Ford Louisville Diesel w/24' Rollback $22,500
1982 Ford Pickup $6950
1981 Chevy Pickup $6950

MISC. EQUIP.

IH Cub Snow Plow
NH PTO Bale Thrower
2X Pull Transplanter
4X Pull Stalk Chopper
Toro Thatcher & Vacuum Combo
Lely Pull Fertilizer Spreader
IH Super A Side Dresser
IH Cub Side Dresser
IH Cub Fast Hitch Attach
Kuhn PTO Tedder
Lely Roterra
Clay 1500 Gal. Honey Wagon w/Injectors
Danuser 3 pt. Post Hole Digger
2X 3 pt. Transplanter
1X Pull Transplanter

CHISEL PLOWS

9 Tooth 3 pt
Landoll 10' Mulch-Chisel
11 Tooth 3 pt.

CULTIPACKERS

Brillion 14' w/Transport
9' Sprocket Packer
Brillion 12' Mulcher
Brillion 10' Packer
JD 8' Mulcher

SHELLERS & GRINDERS

JD 43 Pull Sheller
JD 43 3 pt. Sheller
MM 1200 Sheller
NI 315 Sheller Attach.
NI 314 Sheller Attach.
NI Super Sheller Attach.
NI 317 Grinder Attach.
NI 318 Grinder Attach.

CORNPLANTERS

IH 400 4X No Til
IH 2X Fast Hitch
Ford 6X Pull
JD 1240 Plateless
JD 246 - 3 pt.

MOWERS

(2) NH 451 Sickle
Oliver 3 pt. Sickle
Brillion 7' 3 pt Flail
Mott 4' Pull w/Engine
Bush Hog 13' Rotary
Imco 6' Pull Rotary
IH 27 Semi Sickle
Modern 7' Pull Rotary
MF 3 pt. Sickle
JD 38 Sickle
JD 3 pt Flail
Woods 5' 3 pt Rotary

PLOWS

JD 1350 5x16 Semi
(2) JD 3x16 3 pt. Trip
(2) JD 2x16 3 pt. Trip
PITTS. 1x12" 3 pt.
(2) Ford 2x3 pt. Trip
JD 1X Reset Add On
AC 3X SC
MF 3x16 Rollover
Oliver 2X 3 pt.

FIELD CULTIVATORS

IH 12' 3 pt.
JD 12' 3 pt.
JD 18' 3 pt.
Glenco 13' 3 pt.

SPREADERS

NH Tandem Axle
IH Cub
NI 217

ROLLBARS & CABS

IH 2 Post w/Roof
JD 2 Post w/Roof
JD 4020 Cab
DB 1200 Cab
Ford 9600 Cab w/Air
Case 1030 Cab

DUALS

20 8x38 Axle
18 4x38 Snap-On
18 4x34 Snap-On

CONSTRUCTION EQUIPMENT

NEW 1984 TRAILERS ON SPECIAL

• 2 Axle, 4 Ton $1450

BACKHOES

Ford 4500	$9500
Ford 5500	$12,500
IH 260A	$14,500
IH 3414	$7500
Ford 800	$5750
(4) Case 580C	$20,000
IH 3514	$6500

OFF ROAD ROCK DUMPS

(4) Mack 25 Ton Rock Trucks From $38,500
(3) Mack 20 Ton Rock Trucks $85,000

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Int 7000 - 21' $10,500
Int 4500B - 21' $12,500

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OMC 1700 Diesel $6500
IH 4150 Diesel $8500
Melroe 720 $7500
Case 1737 $5500
Gehl - As Is $1950
Melroe 731D $7500

TRACTORS WITH LOADERS

IH 2400 . $7500
MF 50A. . $6000
Ford 4400 $6500

CRAWLER LOADERS

JD 350B w/Backhoe $16,500
Cat 977L $65,000
IH 125E $25,000
AC HD6 As Is $3750
Cat 955H Pedal $12,500
AC HD3 $4000
Cat 941 w/4 in 1 bkt $23,500
Cat 941 $19,500

LOG SKIDDERS

JD Log Loader $4500
JD 540A $9500
JD 540B $25,000
JD 540A Coming in
JD 440A Coming in
Clark 666B w/Grapple $17,500
JD 540 Powershift $9500

TRAILERS

1984 3X 18 Ton $6800
1984 2X 4 Ton $1450 & $1600
1984 3X 9 Ton $4400
1984 2X 12 Ton $5800
1983 2x6 Ton $3600
1977 10 Ton 5th Wheel $3950
(2) 1979 Strick 40' Flats $7000
1977 Phelan 40 Ton Low Boy $14,500
1980 12 Ton Tilt Top $5950
1973 6 Ton Tag-A-Long

DOZERS

JD 430 $5000
Cat D8H $24,500
Cat R2 $2500
Oliver OC3 $1500
IH TD7E 6 Way 1977 $19,500
Cat D4C $12,500
IH TD6-62 Series $5800
IH T6 - 3500
(2) Case 350B-6 Way-1979 $17,500

BACKHOE ATTACHMENTS

Ford $3500 & up
JD $3500 & up
Case $2500 & up
AC. $2500
3 pt Hoe Attach-New . $4850
IH Hoe Attach $3500 & up

MISC. CONSTRUCTION

(40) Used hoe buckets From $100
(25) Loader buckets From $100
(30) Set forklift forks . From $300
(6) Winches Call Wayne 984 Diesel
Street Sweeper $8950

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OMC 770 $15,000
Ford A62 $25,000
AC 605B $25,000
Case W20 Coming in
AC 4WD $6950
(2) AC 840 $18,500
Case W14 $20,000

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- New MF 1010 Compact Tractor, 16 HP, 2-wheel drive, w/3-pt. hitch
- New MF 1030 Compact Tractor, 26 HP, 2-wheel dr., w/3-pt. hitch
- New MF 240, 34 HP diesel, 8-spd. trans., live PTO
- New MF 270, 55 HP diesel, 8-spd. trans., live PTO, aux. hydraulics
- New MF 270, 55 HP diesel, 12-spd. MP trans., ind. PTO, dual aux. hyd.
- New MF 274, 55 HP diesel, 12-spd. trans., live PTO, dual aux. hyd., 4-wheel dr.
- New MF 670, 55 HP diesel, 4-wheel dr., cab w/air & heater, Ind. PTO, dual outlet hyd.
- New MF 298 78 HP Diesel, 12-spd. MP trans., 18.4x34 rear tires, Ind. PTO aux. hyd.
- New MF 2640, 90 HP, 4-wheel dr., cab w/air & heater, 16-spd. MP trans.
- 3525, 105 HP, 2-whl. drive, cab w/air, 16-spd. MP trans.
- Used MF 275, 67 HP, year-1980. 500 hrs., MP trans., Ind. PTO, Aux. hyd. outlets
- Used MF 30B Industrial Loader Tractor, w/34A Loader, 42 HP, w/cab ..... SALE PRICE - $10,800.00

RENTAL TRACTOR

- New MF 3545, 125 HP, w/cab & air. - Rent this tractor by the hour ..... Call for details

COMBINES

- New MF 860 in stock ..... Call for details
- New 1143, 4-row Cornheads in stock
- Used MF 410 diesel w/graintable & 4-row wide Cornhead
- Used MF 510 w/Grain head ..... Call for details
- Used MF 750 w/Grain head ..... Call for details
- Used 4-row Cornheads in stock ..... Call for details

TILLAGE EQUIPMENT

- New MF 10 and 12 ft. Disc Harrows in Stock

HAY EQUIPMENT

- New Gehl 9-ft. & 12-ft. Mower Conditioners in stock w/delayed payment until Dec. 1, 1984 ..... Call for a demonstration
- New Gehl 4-wheel, 3-pt. Rakes in stock
- New Gehl 1460 Round Baler, open throat design, in stock, delayed payment until Dec. 1, 1984
- New MF 224 Baler in stock
- Used MF 10 Baler without thrower $600.00

FORAGE EQUIPMENT

All New Gehl Forage Equipment Has Delayed Payment Until Sept. 1, 1984

- New Gehl 750, 1000 & 1200 Harvesters & Forage Wagons in stock
- New Gehl 1540 & 1580 Forage Blowers in stock
- New Gehl FB 99 Forage Blower $2,700.00
- Used IH 830 Harvester w/hay pick up & Narrow 2-row Cornhead ..... Call for price
- Used EZ Forage Box 16 ft. x 6 ft. sides w/roof, 3rd beater, 10-ton gear, 11 L x 15 tires $2,995.00

SKID LOADERS

- Used Gehl 4400 gas water-cooled engine, 1976, w/bucket & fork . Call for price
- Used John Deere 125 diesel water-cooled engine, 40 HP, w/bucket & fork year - 1979 ..... $8,900.00
- Used Hydra Mac, 40 HP, water-cooled gas engine, w/bucket & fork, recently traded ..... Call for price

SKID LOADER

- Used Owatonna 310, 16 HP Kohler engine, includes bucket & fork $3,200.00

GRINDER MIXERS

- New Gehl 100 & 135 hyd Mills in stock ..... Delayed payment until Dec. 1, 1984
- Used Gehl 120 w/scale & folding unloading auger

MISCELLANEOUS

- New MF mounted Plows in stock ..... Call for size and price
- Used MF 880 Plow, auto hyd. reset, 6-18 bottoms, has on-land hitch for dual wheel tractors $7,500.00
- New Glencoe Soil Saver, 7 tooth, new style long frame
- Used John Deere Flail Chopper 6-ft. cut ..... Call for price

LEBANON VALLEY IMPLEMENT CO., INC.
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FARM EQUIPMENT

NEW TRACTORS

JD 750 MFWD
JD 2350
JD 2640
JD 2750
JD 2950 MFWD
JD 2950 MFWD & Cab
JD 4050 RG, PS
JD 4250 Cab, PS

NEW EQUIPMENT

JD 712 Mulch Tiller, 11 ft. 3 in.
JD 1610 Chisel Plow, 8 or 10 ft.
JD 950 Roller Harrow, 12 ft.
JD 1250, 4-18" Plow
JD 415 Rotary Hoe
JD 1209 Mower-Cond., 9 ft.
JD 1326 Mower-Cond.
JD 327 Baler w/30 Ejector
JD 430 Round Baler
JD 450 Hydra-Push Spreader
JD 240 Loader w/73" Bucket
JD 66 Forage Blower
JD 716A Forage Box
JD 506 Rotary Cutter
JD 5½ & 7 ft. Hay Pick-up

USED EQUIPMENT

IH 606 w/Loader
Row Crop Head 3 Row Wide
AC 600 4 Row Liquid Planter
IH 56 4 Row Dry
NH S717 Harvester, 1 Row Head & Pick up
Grove Forage Wagon
JD Model 350 - 5 Bottom Plow
JD 3-14" plows
JD #18 Corn Picker 3 Pt. Sprayer
JD 850 Tractor w/Turf Tires, 112 hrs.
JD 216 Forage Box w/1065 Wagon
Hesston 1090 Haybine, 9 ft. 3 in.
JD 480 Mower-Conditioner
JD 40 Spreader w/Rear Pan
JD 65 Rear Blade, 7 ft. like new
Ford 340 Skid Steer Loader
Flatbed Utility Wagon
JD 2 Row Wide Corn Head

Grimm Hay Tedders On Stock Parts Available	50" & 60" Bale Bags On Stock

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FORD TRACTORS

New TW 20 w/cab, 4WD, air
New 7710 w/Sycro. Trans.
New 6600
New 1510 w/Ag Tires
New 1710 w/Powersteering
New 1210 w/Frt. Whl. Dr.
Used 140 5B 16" Auto Reset Plow. Ex. Cond.

SPERRY NEW HOLLAND

NEW HOLLAND

New TR70 Combine w/cab, air, heater, w/cat. engine and lots of extras
New 13' flotation header and cutter bar, w/ hume reel
New Harvesters - 707, 718, 782
New L35 gas, L325 gas skid loaders
New 358 Grinder Mixer
New 367 Tank Type Manure Spreader
Used 975 Combine w/11' head
Used 718 Harvester w/2 heads

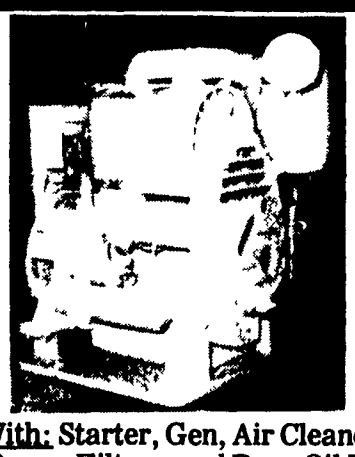
AVCO NEW IDEA

NEW IDEA

NI 406 rake
NI 323 one row corn pickers
NI 3 pt. Hitch Fertz. Spreader

New Glencoe 12'9" Finishing Harrow
Glencoe Soil Saver Stretch 7 Shank
Glencoe Soil Saver 5 Shank
Amco Heavy Duty 12' Disc Harrow
Used IH 550 Harvester w/Windrow PU & 2R Corn Head

REPOWER SPECIALS



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F2L-410 Used 2-Cyl. diesel engines for sale. Running condition. Warranty limited to exchange for another like engine if not satisfied.
14 Hp @ 1800 RPM
20 Hp @ 2500 RPM

With: Starter, Gen, Air Cleaner, Manifolds, Flywheel, Fuel Pump, Filters, and Deep Oil Pan. Approx. New Price $2600

(Not actual photo)

Price Each **$550**

Stauffer Diesel Inc.

New Holland, Pa. 17557 (717) 354-4181

Stauffer Diesel Inc.

AIR-COOLED DEUTZ

Distributors of DEUTZ Air-Cooled Diesel Engines.
3-500 H P Industrial, Stationary and Automotive
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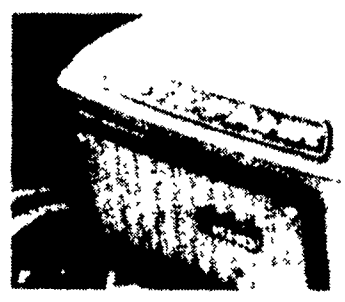
- We have facilities for application engineering & specialty mechanical fabrication
- Automotive engines in 108 and 170 H P sizes-EPA Approved
- Dealer Inquiries invited

Stadco POWER SYSTEMS DIVISION

Builders of STADCO custom built diesel Gen-sets, 2-250 kw Any configuration Fabrication of all types of power units

Landini

Dealers for LANDINI tractors
- 42-122 PTO horsepower, 2 and 4 wheel drive
- Fully backed by established parts organization
- A quality tractor farmers can afford to buy
- Landini tractors are manufactured by Massey-Ferguson S P A



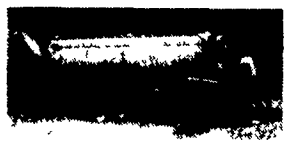
Dealers for DEUTZ-FAHR farm equipment.
- Ten tractor models, 45-145 H.P two & four-wheel drive
- DEUTZ is the original line of superbly engineered air-cooled diesel tractors. DEUTZ is your best bet for proven reliability and economy, ask a DEUTZ owner.
- DEUTZ-FAHR haying tools, including the worldwide best selling hay Tedder and the model HD460 high-capacity baler which is loaded with convenient features.

Dedicated to Serving with Integrity and Comprehensive Back-up Services. Please Call Us First . . .

Stauffer Diesel Inc.

NEW HOLLAND, PA 17557 PH: (717) 354-4181

USED HAYING TOOLS



- Deutz-Fahr Disc Mower, 7 Ft. Demonstrator $1995
- JD 480, 9 Ft. Mower-Conditioner..... $1080
- Vicon Tedder, 10 Ft. PTO Driven $890
- Deutz-Fahr KH-40 Tedder, 17 Ft. $1100

We Are Ready To Deal!

Call Harold Stauffer

Stauffer Diesel Inc.

New Holland, PA (717) 354-4181

USED EQUIPMENT

I sold most of the Uni Equipment I had, but if I know what you're looking for I can get it & Save you some money.

IH 886 w/Cab & Air SOLD
IH 966 Diesel SOLD
IH 856 Diesel SOLD
IH 1066 Cab & Air
JD 6 row, 3 pt. rotary hoe, the older model but good
JD Sickle bar direct cut head for JD chopper
Flail type direct cut head SOLD for Uni System Harvester
Late 706 w/310 diesel
IH 1456 Tractors w/Cabs
Case 1030 Diesel
Uni 717 Combine, 740 throat, 715 flex head, 74 SOLD row corn head (one left)
1976 MF 510 Diesel Combine
JD 4020 Diesel, PS
Farmall 966 w/1100 hrs., no cab
NI 13' Flex head 740 fast-touch throat

RAYMOND B. LEAMAN
Willow Street RD 1
Ph: Lancaster 717-464-2778
Midway between Lancaster & Quarryville
off Rt. 222 take Brenneman Road
at Graybill Bros. Garage, Refton.

WISCONSIN ENGINES Sales & Service

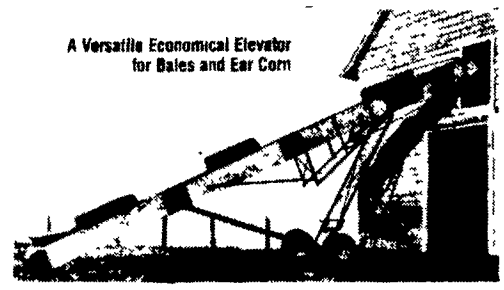
AVCO VM Diesel

ADAPTABLE TO MOST APPLICATIONS

- Hesston 7140 Harvester w/Hyd. Sharpener ..... $ 5,800
- 6 Ft. Hay Pickup ..... $ 2,100

SALE PRICE ..... $ 7,900
Reg. List Price $12,093

ZIMMERMAN PORTABLE ELEVATORS



WELL BALANCED, RUGGEDLY BUILT FOR MANY YEARS OF TROUBLE FREE SERVICE

• 32 ft. ..... $1510 • 36 ft. $1740

Available Every 4 Ft. From 28 Ft. to 48 Ft.

USED EQUIPMENT

- IH 1100 Pull Type Mower
- IH 4 Row 56 Corn Planter, Disk Openers $1050.00
- Hesston PT10 Haybine, Nice . $2000.00
- Gehl 600 Forage Harvester . $1200.00
- NH 451 Mower $1050.00
- Grimm Hay Tedder $825.00
- NI 751 Hay Conditioner $350.00
- JD Trailer-Type Corn Sheller $395.00
- Gehl 800 Recutter $1950.00
- NH 455 Mower $950.00
- NI 752 Hay Conditioner . . . $625.00
- NI Tobacco Planter $325.00
- NH 56 Rake $1350.00

TRACTORS

- MM 4 Star w/Loader $1950.00
- JD 4020 Tractor, Diesel. . . . $6600.00
- 930 Case Standard w/Pulley
- Super A w/cultivators $2,050 00
- Massey Harris Pony w/cultivators, & plow $1,195.00
- Ford 2000 . $3850

SALES & SERVICE

MILLER'S REPAIR

1 Mile North of Bird-in-Hand
8 Miles East of Lancaster
RD1, Bird-in-Hand, PA Ph: 717-656-6109

Owners were asked, "Would you buy another Deutz-Fahr tractor?"

88% said "Yes!"

1982 survey tells how our owners feel.

Early in 1982, Deutz Corporation mailed a two-page questionnaire to 1980 purchasers of Deutz-Fahr tractors A total of **617 surveys** were returned from 29 eastern and central U S states A primary question — "Would you buy another Deutz-Fahr tractor?" — was answered with a **resounding 88% "Yes!"** In addition, many owners wrote comments on their survey forms, some of which are highlighted in this folder Most owners had logged **between 500 and 1,000 hours** on their 1980 tractor by the time they responded to this survey

OWNER COMMENTS:

Niagara County, N.Y., DX 90 (2WD)
"We needed a tractor to haul two + loads of manure per day, 365 days a year, also to grind 4-5 batches of feed per week, baling, tillage our DX 90 even started at 30°F

Clark County, Mo., DX 140 (2WD)
"Its main purpose was to have been the 'main horse,' to do all the heavy work, but it has been perfect for everything I wouldn't buy anything but a Deutz "

Madison County, Ohio, D 4506 (2WD)
"This is our second Deutz and when we trade we expect it will be for another Deutz

Coshocton County, Ohio, DX 90 (2WD)
"I have had no repairs and very little expense I like the tractor better every time I use it "

Green County, Wis., DX 110 (2WD)
"We fell you make an outstanding cab and hope you don't cheapen it like the other companies have "

Benton County, Iowa, D 6206 (AWD)
"The all-wheel drive feature for a loader tractor is super "

Above Deutz-Fahr ... Left and right ... DX 160 ... have moved Robert Howell Mount ... owns a DX 90. At right backed up ... all-wheel-drive model ... Northwood Iowa. Both owners say they've never had better fuel-efficiency

This Farmer Equated Deutz Quality In Simple Terms:

Baxter County, Ark., D 4506 (2WD)
"After comparing many models and makes, I found the Deutz was built like a Mercedes — an air-cooled engine is a plus."

It's "SIMPLE ECONOMICS"

See your Deutz-Fahr dealer for a tractor that also saves you money after you own it. Also see the Deutz-Fahr haymaking system - it works in Pa.

FABULOUS REBATES FOR CASH SALES - or - 9.9% A.P.R. FINANCING - or - INTEREST WAIVER

(Ask for testimonial folder from which this ad was extracted)

SOLD AND SERVICED BY THESE PROGRESSIVE DEALERS

DILTS FARM EQUIPMENT
RD #2
Marion Center, PA 15759
(412) 286-9606

STAUFFER DIESEL INC.
312 W. Main St.
New Holland, PA 17557
(717) 354-4181

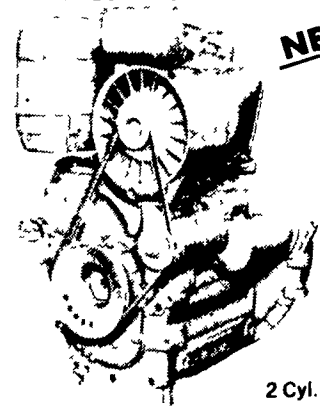
IVAN J. ZOOK FARM EQUIP.
Box 5 Star Route
Belleville, PA 17004
(717) 935-2948

J & M MACHINERY CO.
Rt. 22 & 819
Greensburg, PA 15601
(412) 668-2276

MESSICK FARM EQUIPMENT, INC.
Rheems Exit, Rt. 283
Elizabethtown, PA 17022
(717) 367-1319

REICHS FORD TRUCK & TRACTOR
8016 Reichs Ford Rd.
Frederick, MD 21701
(301) 662-7622

NO. 1 DAIRYING DIESEL



NEW! LOWER PRICE

Since 1968 F2L-912 diesels have earned the reputation as the most reliable diesel. Don't settle for less

2 Cyl. F2L-912

EASIER STARTING: Heavy flywheel provides easy starting. No electric heater plugs.

QUIETER: Runs quieter than most water cooled diesels. Very quiet exhaust.

F2L-912 SPECS: 20 Hp @ 1500 RPM
25 Hp @ 1800 RPM
32 Hp @ 2300 RPM

It has direct injection, lube oil cooling, and oil cooled pistons. This engine has proven to survive the extreme heat of a heavy load in a small engine house better than any other engine.

PLUS - FAMOUS DEUTZ FUEL ECONOMY

Stauffer Diesel Inc.

312 W. Main St. New Holland, PA
Ph: 717-354-4181
Retail, Wholesale & O.E.M. Sales

MF Great Rates: 9.9% Apr. 6th rate financing on New Massey Tractors, **but wait,** you can also choose a waiver of finance charges instead; **Oct. 1, 1984** on most new MF Tractors Plus Massey has given us some incredible factory allowances to work with so you can save even more. **This is a limited time offer.**

NEW EQUIPMENT IN STOCK

MF 240 8 spd Tractor
MF 250 Tractor
MF 1020 Tractor
MF 220 Baler
MF 224 Baler
MF 22 Bale Thrower
MF 212 Bale Thrower
MF 860 diesel Combine, Hydro
Rakes
Hay Tedders
Forage Wagon
Mower Conditioners

Glencoe Soil Saver Demo, new teeth $5,000

Vicon KM 240 8' mower conditioner Demo $6,850

USED EQUIPMENT

MF 510 Combine
MF 760 Combine w/6 row Corn Head & 16' Grain Table
MF 750 Combine w/63C Corn Head & 14' Grain Table
MF 750 Combine w/13 ft. Grain Heads
MF 10 Baler
MF 285 Diesel Tractor w/cab
NH 65 Baler
NH 69 Baler
MF 81 Haybine
Ford 6000 Tractor

Renting skid steer loaders.
Radio Dispatched Service

See Us For All Your Farming Needs

MF Massey Ferguson
Your Business Machines

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(south on Rt. 42)

MF Massey Ferguson

M.M. WEAVER & SON, INC.
Leola, PA 17540 (717) 656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church.

USED COMBINES
SPECIAL MONEY-SAVING FINANCING

Buy now & finance with MF at a low 6 9% APR.. or choose waiver of finance charges to Feb. 1, 1985 on selected used combines

- 1980 #540 Diesel w/13' Grain Head, like new $26,500
- 1980 MF 760 Hydro V8 with 15 ft Grain Table and Grain Saver $52,000
- 1978 MF 550 Hydro Diesel with 4 Wheel Drive. . . $36,000
- 1977 MF 750 Hydro with Grain Saver . . $26,000
- 1977 MF 510 Hydro Diesel. $17,500
- 1976 MF 750 Hydro with Grain Saver $19,500
- 1976 MF 750 Hydro with Chopper $27,000
- 1975 MF 760 Hydro V8 $24,000
- 1975 MF 750 Hydro . . $22,000
- 1975 JD 3300 Diesel with 13 ft Grain & 2 Row Corn Head $17,500
- JD 343 Corn Head 3 Row 30" . . . $ 3,000
- 1975 MF 510 Diesel . $17,000
- 1975 MF 760 Hydro V8 $24,000
- 1974 MF 760 Hydro 6 Cyl. . . . $22,000
- 1973 MF 750 Gear Drive with Grain Saver . . . $24,000
- 1973 MF 760 Hydro 6 Cyl $21,500
- 1972 MF 510 Diesel Gear Drive . $ 9,500
- 1972 MF 510 Diesel Gear Drive . $10,500
- 1972 MF 300 Gas $ 8,500
- 1972 MF 510 Diesel Gear Drive $12,500
- 1971 MF 410 Diesel $ 7,500
- 1971 MF 410 Gas $ 7,500
- 1971 MF 510 Diesel $12,500
- 1970 MF 510 Diesel . $10,500
- 1970 MF 510 Diesel $12,500
- 1969 MF 510 Diesel . $11,500
- 1968 MF 510 Diesel $ 8,000
- 1968 MF 510 Diesel Hydro . $12,500
- 1968 MF 410 Gas $ 5,000
- 1967 MF 410 Diesel $ 5,000
- 1966 MF 410 Gas $ 2,500
- 1966 MF 300 Gas $ 3,500
- 1966 MF 510 Gas with Floating Cutter Bar. $ 4,800
- 1965 MF 410 Diesel . $ 4,500
- 1974 MF 300 Gas . . $ 8,700
- 1964 AC CII Gleaner with Corn & Grain Head $ 4,500
- 1960 AC A Gleaner . $ 1,500
- JD 45 with Corn Head $ 1,500
- IH 303 with Grain & Corn Head . . . $ 1,500
- MH 82 with 10 ft Grain Head . . $ 1,200

Above Combines Include Grain Tables Less Corn Heads 61 Corn Heads in 2, 4, 6 and 8 Row Size

- New Idea 2 Row 30" Pull Type Picker Sheller $ 5,500

USED TRACTORS

- MF 4880 . . . . . $55,000
- MF 1100 Diesel . . . $ 5,500
- MF 1130 . . . . . $ 5,900
- MF 1150 . . . . . $ 6,500
- MF 255 w/Loader . . . $ 8,500
- MF 175 Diesel . . . . $ 5,500
- MH Pony Cultivator & Plow. . . . . $ 2,000
- Farmall M . . $ 1,800
- Leylend 384 70 HP . $ 4,500

NEW EQUIPMENT IN STOCK

- Amco 12' & 18' Discs
- Century Sprayer
- York Blades
- Farmhand Rake
- Glenco Field Cultivator
- Dunham Cultimulcher
- MF auto reset 3 pt. 3x16" plow - special price $2,500

USED EQUIPMENT

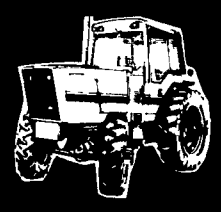
- NH 10' Offset Disc . $ 4,200
- Glenco 9 tooth soil saver $ 6,700
- MF 55 2 way plow $ 700
- White 216 plow $ 575
- Oliver grain drill
- AC 4 row 30" no-til corn planter $ 1,200
- Miller 10' offset disc $ 2,000
- Kewanee 18' hydraulic wing disc $ 3,200
- NH 707 harvester $ 1,400
- JD 1 row corn binder $ 600
- Fella hay tedder $ 1,200
- JD 8' disc. $ 400
- Stanhay seed planter $ 800
- MF 345 416 spring trip plow $ 1,700
- MF 82 416 spring trip plow. $ 600
- MF 3 pt fork lift $ 700
- MF 730 offset 13' disc . $ 3,500
- Ontario 16 grain & fertilizer drill . . . . . $ 900

Bandsaws - 14" vertical wood cutting w/ ½ h.p. motor and stand
CLOSE OUT **$299.95** each.
Metal cutting model **$499.95** each
Wilke Machinery Company
R.D. #5, Exit 11 I-83
York, PA 17402
717-846-2800

FOR SALE
Wooden Conveyors
Taperboard Feeders
Wagon Beds
Samuel K. Stoltzfus
550 Beechdale Road
Bird-in-Hand, PA 17505

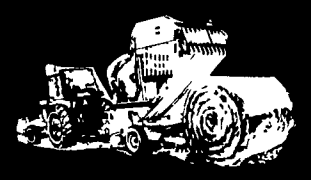
"Starvin' Marvin" Says Spring Has Sprung

We've Got Your Best Deal Y'ALL COME



IH 3088 90 H.P.
18.4x38 Tires
~~$23,700~~ **$23,200**

2400 HI CAPACITY ROUND BALER



$8,275 CASH

NEW IH TRACTORS AND EQUIPMENT

684 Diesel Row Crop 18.4x30 Tires, 62 H.P.	$16,200
56 Blower	$2,650
600 Blower	$3,200
1300 3 Pt. 7' Sickle Bar Mower	$2,100
881 Forage Harvester w/Grass & Corn Head	$15,900
5500 7 Tooth High Clear Chisel Plow	$1,900
4500 12'5" Vibra Shank Field Cultivator	$2,500
450 3-16 Reset Plow	$3,500
720 5-18 Reset Plow, Trash Plates	$7,995
560 Manure Spreader, 289 Cu. Ft. Capacity	$5,500
5100 16x7 Plain Grain Drill w/grass seed	$4,185

LOCAL GROWN USED PLANTERS

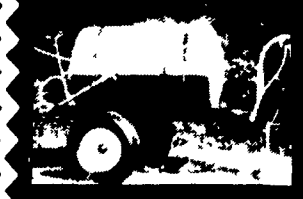
IH 400 6 Row Air Planter, No Till Coulters, new Double Disk Openers, Insecticide	$3,000
IH 56 4 Row Plate Planter	$1,750
AC 4 Row Narrow Air Planter, No-Til Monitor, Insecticide, Markers	$4,000
IH 400 4 Row Air Planter, No-Til Coulters, Insecticide	$2,250

LOCAL GROWN USED TRACTORS & EQUIPMENT

Waiver Til 9/1/84 Available on Used Tractors

IH 886 90 H.P. Cab w/Air	$17,500	JD 54 Manure Spreader w/Hyd. Endgate	$1,750
IH 1066 Black Strip Cab, Low Hours.	$15,200	IH 350 Tandem Disk Harrow 10'3", excellent	$2,250
IH 1256 w/20.8x38 Rubber	Call	JD 345 4-16 Semi-Mount Plow, Hyd. Reset, Excellent	$3,000
JD 2010 Diesel Utility, Excellent Rubber, Excellent Condition	Call	IH 700 5-16 Semi-Mount Auto Reset Plow, Can Convert To 4 Bottom, Good Cond.	$2,800
IH 574 diesel row crop, 77 Model w/IH 2250 loader, 1284 Hours	$12,500	IH 710 3-16 Semi-Mount Auto Reset Plow	$2,750
Oliver 770 Diesel	$1,250	IH 16 Tractor Rake, Very Good	$1,350
Ford 9N w/Aux Transmission	$1,950	IH 990 Mower Conditioners, 7 and 9 Ft. Cut.	Call
IH Balers Some w/Throwers	$900 Up	Gleaner M 1974 Diesel Combine, Cab, 4 Row Corn Head, 13' Platform, w/Pickup Reel	$18,000
Papec Forage Blower	$650	D.R Ellis 2 Row Transplanter	Call
IH 56 Forage Blower, New Ring	$1,700	2 - Papec Forage Boxes on 10 Ton Gears	Call
AC Forage Blower	$400		
500 Gal. Walsh Trailer Boom Sprayer	$1,200		
NH 880 Harvester w/Corn Head	$3,000		
IH 530 Manure Spreader 145 Bu	$1,500		

RED HOT SPECIAL
Left-Over New Sprayer



CAGLE 300 GALLON with MIX N FILL TANK, SHAFT DRIVE PUMP
$2750

RED HOT SPECIAL

IH 106 6 BLACK STRIP TRACTOR
With Cab, 76 Model 130 H P
Very, Very, Very Clean
$15,200

C & W EQUIPMENT, INC.
260 York Road Carlisle, PA 17013
(Next To The Farmers' Market)
Phone: 717-243-4419

JOHN DEERE DESIGN, DEPENDABILITY AND DEALERS MAKE THE DIFFERENCE

CHECK THESE SPECIALS — CALL RIGHT AFTER 7 A.M. FOR INFORMATION & PRICE

John Deere parts perform

Only John Deere parts fit and wear like the original equipment

We stock a full line of top quality John Deere replacement parts We have what you need on hand for the busy season ahead See us soon

USED CORN PLANTERS

JD 7000 4R 30 w/Dry Fert , Insect. & Monitor $6,395
JD 1240 4-38" r, Dry Fert., Insect , Monitor Reduced to $1,750
IHC 56 4-row, Liquid Fert , Insect. As is $350
Ford 2R 3 pt. As is $150

USED SPRAYERS

JD 520 Pull Type w/30' Boom
JD 535 Pull Type w/30' Boom

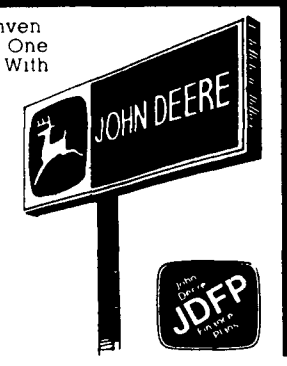
Owatonna 1700 Mustang Skid Loader

USED HAY TOOLS

JD 430 Round Baler (like new)
NH 567 Baler w/Thrower - Priced at $595
MF #3 Baler - Priced at $175
Hesston PT10 Mow./Cond. - Priced at $850

Equipment and Financing all at one place

Consider the convenience One stop One place to deal With John Deere Finance Plans It's strictly between us We're here to help work out details on what's right for you See us



USED EQUIPMENT SAVINGS
Our Good Prices Become Great Deals
With Interest - Free Financing

Buy a reliable used tractor or combine from us and you'll get a fair price . . . and a special bonus.

Used Tractors. Buy any make or model used agricultural tractor from our selection and put it to work right away . . . but pay no interest charges until July 1 if you finance with John Deere.* You get the benefit of added power and productivity interest-free from now until July.

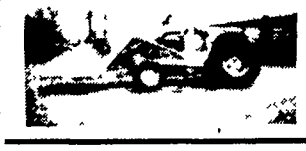
Used Combines. Buy any make or model used combine . . . with or without header . . . now when selection is best. If you finance with John Deere, no interest will be charged until January 1, 1985.*

That means you get this year's harvest use of the combine interest free!

True value. Remember, price is actually secondary. Used machinery has to be good machinery or it won't be of much use to you. Many of our tractors and combines have been carefully inspected and thoroughly reconditioned. It's the real reason our good prices are such good deals . . . and special financing makes them great deals. Stop by the store and check out our fine selection of reliable and productive used equipment.

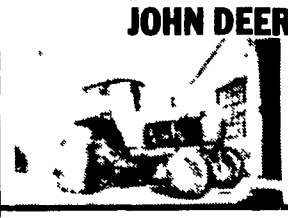
*Availability of John Deere financing subject to approval of Credit.

JOHN DEERE 400 INDUSTRIAL



Dsl Tractor w/loader
Priced at $7,500

JOHN DEERE 4640 TRACTOR



w/SGB Air/Htr., Dual Outlets
Quik-Coupler, AM-FM Radio
24.5-32 10 P Rear Tires
Priced at $36,900

JOHN DEERE 2440 TRACTOR

Ind. Live 540-1000 PTO,
Sngl. Hyd. Control, 8 Pos.
Cast Whl., H.D. Straight Front Axle
Priced at $12,950

USED JOHN DEERE 7720 DSL COMBINE

4 yrs old 1450 hrs cab w/air heat AM FM radio auto HHC low shaft mon straw spd w/215 flex plat 643 corn head excellent condition Finance JDFP No Finance Charges Until Jan 1 1985

JOHN DEERE 2640 TRACTOR

Rollguard w/Weather Enclosure,
Sngl. Hyd. Control, P/A 16.9-28 Tires
Priced at $15,500

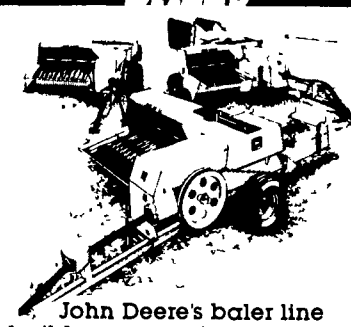
JOHN DEERE 4430 TRACTOR

Quad Range - 4 Post
Rollguard, 20.8-34
Priced at $17,500

Our Selection of Used Tractors

- JD 4640 Dsl. Quad, S.G. Body A/H w/Radio, Dual Outlets- Quik Coupler
- JD 2940 MFWD, Cab w/Leon HD Loader
- JD 2940 Dsl, TSS Hi-Lo Trans.
- JD 2640 w/Roll Guard and Enclosure
- JD 2440 Dsl. w/48 Loader
- JD 4430 Q/R w/4 Post Roll Gard
- JD 1530 Dsl.
- JD 2020 HU Dsl.
- JD 1520 Gas
- JD 3010 Dsl, Row Crop
- JD 2510 Dsl.
- JD 2510 Gas/ W.F.E.
- JD 400 Industrial Tractor/ Loader
- JD "G"
- MF 65 Dsl, Row crop
- Ford 600
- DEUTZ 6807A Dsl., Cab, MFWD, AM-FM, tape
- IHC Farmall 504 Gas, WFE

SQUARER BALES



John Deere's baler line builds squarer, stackable bales

To build solid square cornered bales consistently you need consistent control of the hay And John Deere's 327 337 and 347 Balers give that control from the moment hay touches the pickup

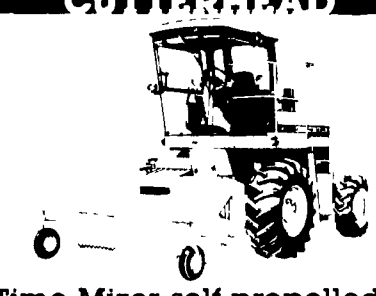
A wide pickup with extra teeth lets these balers take in all the hay in today's wider windrows There's even a compressor to keep the hay under control

A floating tapered auger and adjustable feeder forks take over to keep material flowing evenly The gear-driven knotter puts the finishing touch on these solid stackable bales from John Deere

NEW JOHN DEERE FORAGE HARVESTERS IN STOCK

3940 Pull Type w/Hay Pick Up
3960 Pull Type w/Hay Pick Up
5720 Self Propelled w/Hay Pick Up

SHORT-KNIFE CUTTERHEAD



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Case 990 Tractor, Low hrs., A-1 shape, good price
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NH 489 Haybine $7,500
NH 892 Harvester w/Metal Alert
NH 824 Corn Head
NH 880W WD Pick Up $15,825
NH 320 Baler w/Hydro Formatic
NH 70 Thrower $9,825
NH 462 Disc Mower $3,675
NH 38 Crop Chopper $3,975
NH #8 Crop Carrier w/NH 238 Wagon $6,475
NH #8 Crop Carrier w/Wagon Box, Cover Extension Sides, Third Beater Attachment
NH 238 Wagon $2,050

NH L-35 Skid Steer Loader, 2 buckets, 800 hrs., $12,500
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F-806 D, wide front, 3 pt. $8,750
Farmall M, live hyd. & power steering, $1,850
F Super H $1,375
F-H $875
F 560 gas, As is, $2,200
F 300 gas, PS, 2 pt. $1,450
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AC WD 45, $800
AC B w/cultivator $875
IH 550, 5x14 semi mount plow, $875
Ontario single disc drill, $550
JD grain drill, 13x7 single disc, $795
AC 500, 4 row planter as is, $725
(2)-IH 249, 2 row $450
JD 494-A, 4x38 $1,400
IH 1190 mower conditioner $4,125
IH 990 9' mower conditioner, $2,450
NH 270 Baler w/thrower, $1,400
AC 303 Baler w/thrower $1,295
NH 67 baler w/thrower, $975
Hesston PT 12, 12' mower conditioner $1,200
Fox Blower, $750
IH 56 Blower, $850
IH Semi Mount hitch balance head mower, $800
MF 510 combine diesel hydro, air condition cab, quick attach header, 4x30 corn head, 13' grain platform, $20,800
JD 30 Combine, $950
IH 76 Combine, $400
IH 540 spreader, $1,750
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Gehl CB 600 forage harvester, 2 row corn and pickup head

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JD 4520 w/cab & duals
JD 4230 w/roll guard
JD 4020 Syncro, 1972
JD 4020, power shift
JD 4020 Syncro
JD 4010
JD 2840 w/cab
JD 2640
JD 2240
JD 2040 SOLD
JD 2630 diesel
JD 2020 diesel
JD 2510
JD 3020 Diesel, Syncro
JD 2010
JD 950 1000 hrs.
Int. 1066 w/cab
IH 966, cab and air
IH 966 w/roll guard
IH 1026 hydro
IH 766 w/cab
IH 1256 w/cab
IH 656 wide front
IH 574
IH 544 diesel
IH 560
IH 826 Diesel
IH 856 w/cab
IH 284 w/mower
Ford 9600 w/cab & duals
Ford 5000
Ford 4000
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Ford 2600
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AC 7030
AC XT 190 w/cab
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MF 1105
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Gehl 95
Gehl 65
IH 1150

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JD 6600 Diesel
JD 55 corn special
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NI 702 w/chopper & 3 row head

USED PLANTERS

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JD 7000 4 row liquid fertilizer

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Used Moridge grain dryer
Late Model NI 702 uni tractor w/767 Super Chopper, 3 row head & pickup head
Fox 2000
Fox Custom 90
NH 770 w/2 heads

MISCELLANEOUS

JD power till grain drill
JD 346 wire SOLD w/thrower
NH 278 baler
1975 Chevy Tandem w/20 ft. grain body & hoist, PS, air brakes, Detroit 653 diesel
Keewanne 14 ft. Rock Flex Disc w/26" blades
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JD 30 ft. Implement Trailer
Large selection of smaller discs
Large selection of plows from 3 to 7 bottom
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NH 469 haybine
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Gehl 880 Haybine
Gehl 1070 haybine 7 ft. new
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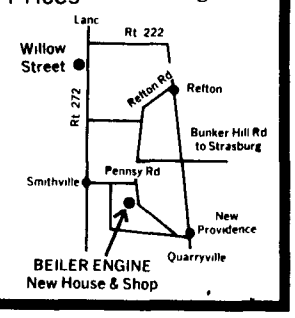

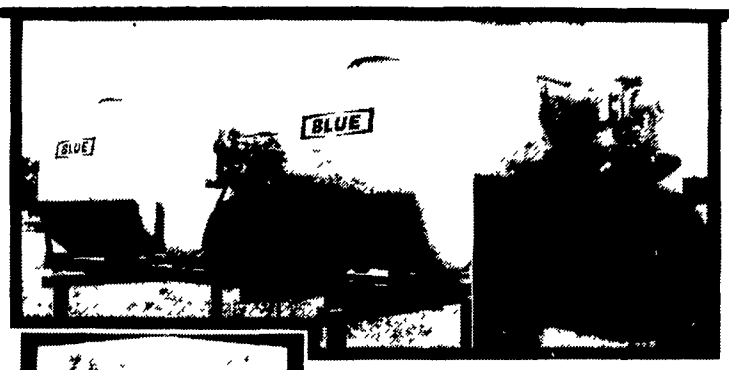

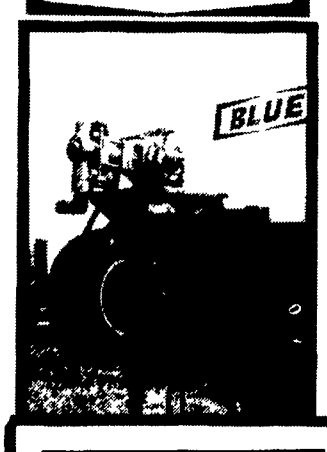

FEATURES:

UNBEATABLE ACCURACY
- Blue Metering Pump – L 1094 or L 4400
- Speed Sensitive – Set It And Forget It
- Press Wheel Drive

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- Press Wheel
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AC 5040 w/loader
AC 6060 w/loader, 4 wheel
AC 190
AC WC
Case 930
Ford 9N
JD B
IH 656H
David Brown 1212
Case 2390
Kubota B8200

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MF 12 w/thrower
Hesston 4600
NH 845 Round
NH 276 w/thrower
NH 278 w/58 Thrower
NH 269 w/53A Thrower
NH 846 Round

MOWERS
NH 462 Disc
JD Side Mt
Bushhog Batwing
JD 25A Flail

LOADERS
JD 2010 Crawler Dozer
Mitey Mac 8C
(2) NH 425
NH 445 w/Deutz Diesel
NH L775

SPREADERS
Badger 230 Tank Liquid
Badger 325 Tank w/pump
NH 365 Tank flail
NH 791 Box
Lely fertz

MISCELLANEOUS
Cunningham Hay Fluffer
AC 5 Btm 18" Plow
NI 324 Super Sheller
Brillion STS10 Transp. Harrow
NH 28 Blower
NH SOLD Chopper
NH Straw Chopper
Brillion 10 ft. Cultipacker
Lely Rotara
Badger Elevator
Kubota 1102 Engine
Kubota EA600NB Engine
BerVac S-60 Snowblower
NH 354 Grinder Mixer
NH 358 Grinder Mixer
Moore Grain Drill No til
NH 85 Bale Handler round
Wisconsin TFD Engine

RAKES
NH 258 NH 260

PLANTERS
AC 600 4R
AC 7R Bean

FORAGE EQUIPMENT
FQ SD7655 w/4R Corn & 4R snapper
FQ 7600 w/R W, 4R N & WPU
Hesston FA-7 Hd
NH 822 C Hd
NH 770R2
NH 919 A4
NH 890 EN2
NH 890N3
NH 890A
NH 880 WPU
NH 880R2
NH 1895 3RN & WPU
NH 717S

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NH SOLD
(1) NH 479
(2) NH 1495 SP
Case 955 Windrower
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Hesston 620 Windrower S.P.

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NH TR70 w/13' Flex Hd. & 962N6
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OMC Mustang Skid Loader $2,580
NH 67 Baler
518 Manure Spreader
NI cut/Ditioner $1875.00
NH 362 4 Ton Flail Spreader $1075
Hawk Bilt 590 Gal. Tank Spreader $1250
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JD 4010 Dsl., WF
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JD 2510 Gas, very nice
JD 2030 Dsl., Independent, PTO, 1600 hrs.
JD 1530 Dsl. Indep., PTO, 38" Rubber
JD 1020 Dsl. w/3 pt.
JD 630
IH M w/very good NI 2 row mtd. picker SOLD
IH 1066 Dsl., Cab and Air, very nice
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IH 656 WF, 3 pt.
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MF 265 Dsl., 1500 hrs., MP 15.5x38, very nice
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NH 488 Haybine SOLD new
NH 479 Haybine
JD 1209 Mower Conditioner, Late Model
Hesston PT 7 SOLD Conditioner
NH 315 Baler w/thrower
NH 310 Baler w/thrower

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JD 243, 244, 343, 443, 444, 643

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JD 7000, 6R liquid or dry fert., w/monitor & insecticide
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JD TWA 11' Heavy duty disc
JD 4000 Double Offset 12'
JD KBA 10'
JD AW 10', very good
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NI 324 Corn Picker w/super sheller, like new
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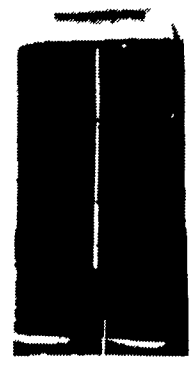

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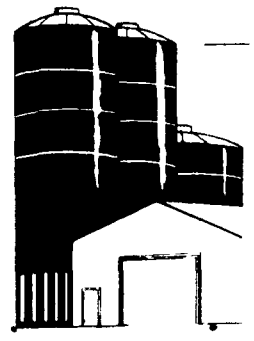

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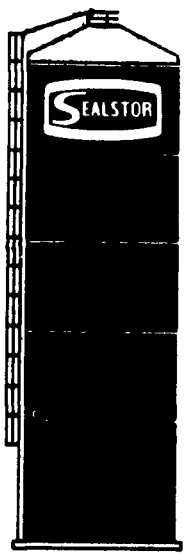

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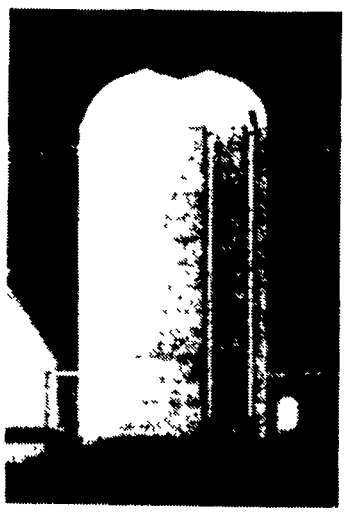

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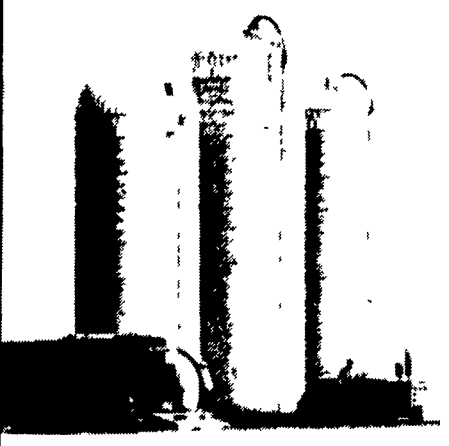

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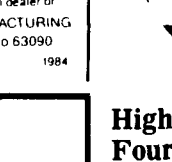

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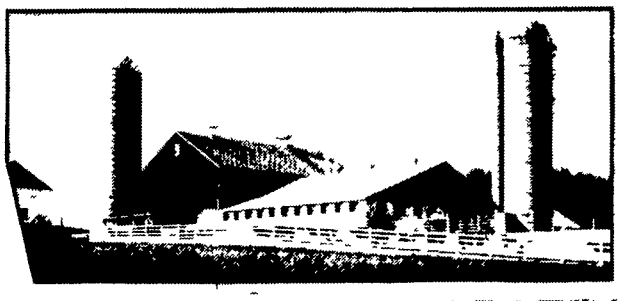

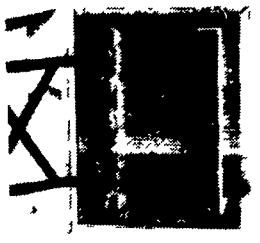

SWING BACK HINGED DOOR

The hardware used in this door's construction is heavy duty steel with a double hinge system to allow the door to swing back against the side of the silo A double lock system holds the door against the frame for a sure seal

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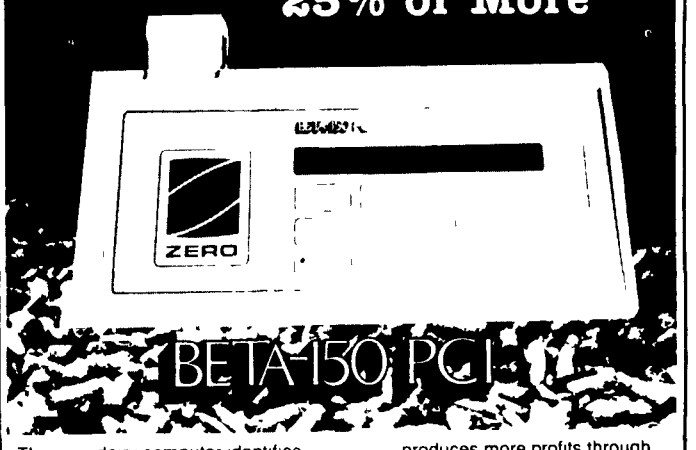

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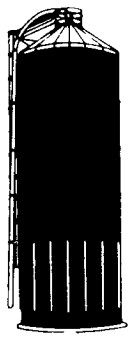

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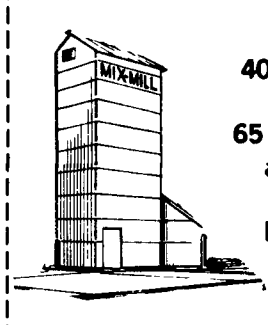

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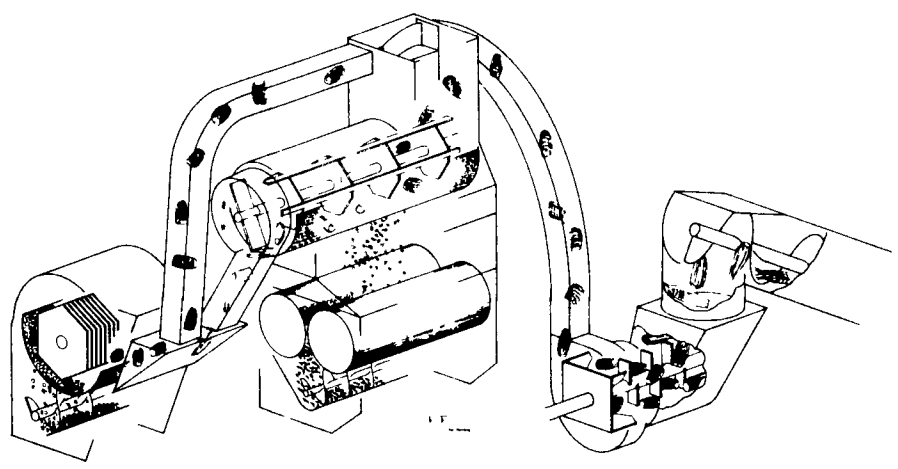

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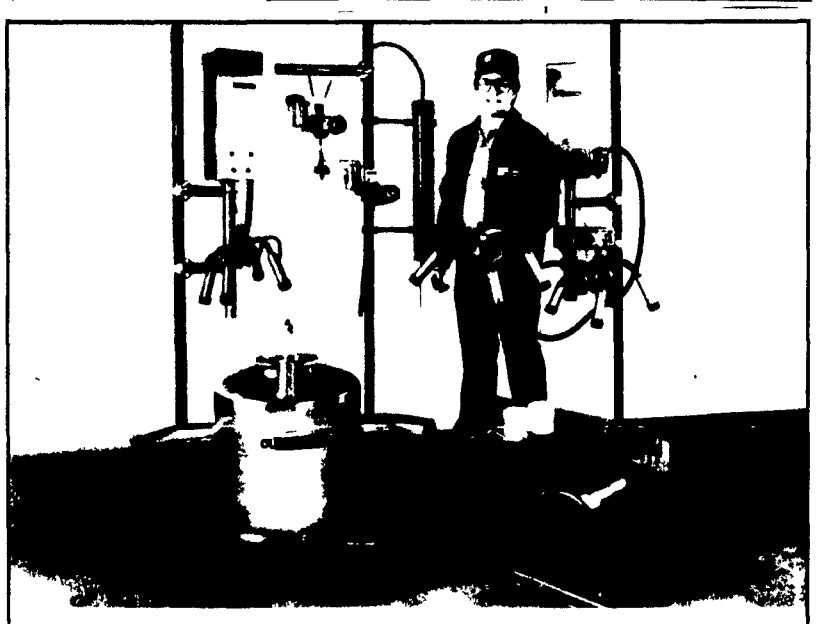

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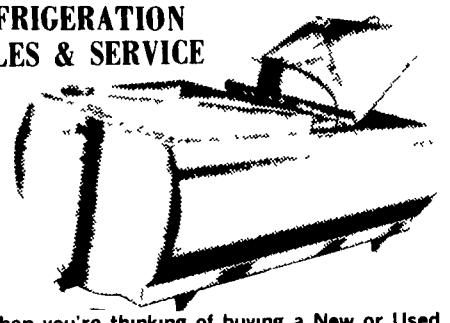

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(1) 600 Gal Milkeeper	(1) 1000 G. SOLD set
(1) 600 Gal Mojonnier	(1) 1250 Gal. Dari-Kool
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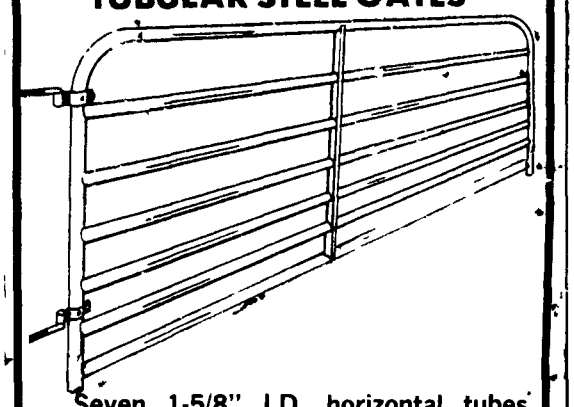
Answering Service - 717-354-4374
★ 24 HOUR SERVICE

TUBULAR STEEL GATES



Seven 1-5/8" I.D. horizontal tubes spaced closer at the bottom for a pig tight gate. 50" high with adjustable clamp style hinges. All hardware needed for a complete installation is included. Painted finish.

4' Length	$36.95	12' Length	$45.95
6' Length	39.95	14' Length	52.75
8' Length	41.45	16' Length	55.50
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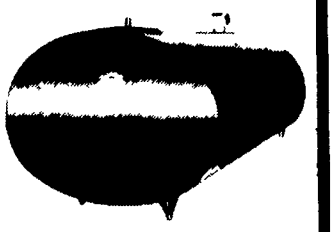
Sunset s pre formed heavy gauge stainless steel evaporator plate is the heaviest in the industry



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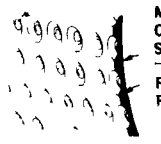

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- BouMatic FR4A 5 Hp. Vacuum Pump
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JUNE DAIRY MONTH SPECIAL
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Powder Laundry	10 lbs. $7.25	case $28.50	
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At an unbelievable price! FIRST one sold will be a BARGAIN!

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Reconditioned All New Parts
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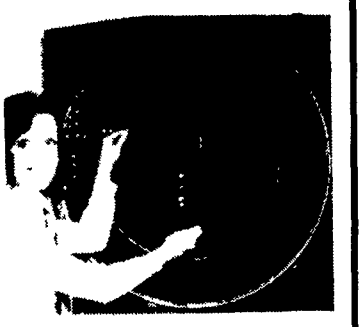

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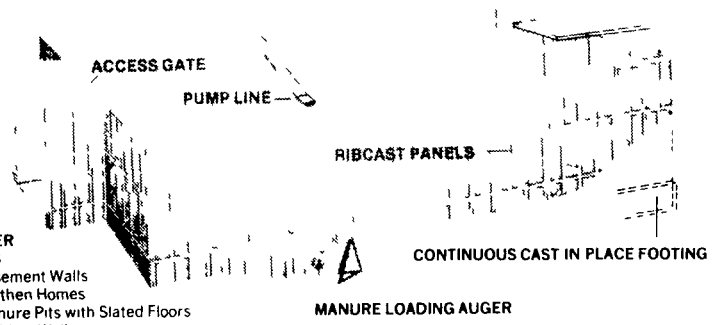

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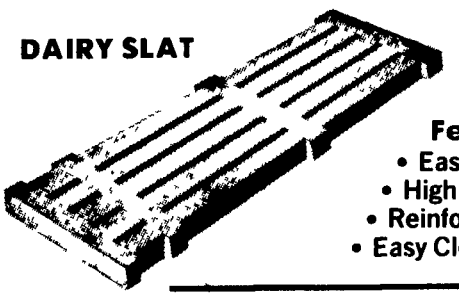
Available in 8 10 and 12 deep rectangular and round structures

CONCRETE GANG SLATS
for Dairy and Hogs

DAIRY SLAT



Slats available in gangs of 8, 10, 12 ft. lengths.

Features:
- Easy Installation
- High Strength
- Reinforced Construction
- Easy Cleaning

Features:
- Easy Cleaning
- Center Beam
- Slight Crown.
- Uniform Spacing.
- Easy Installation
- Slats Stay Drier.
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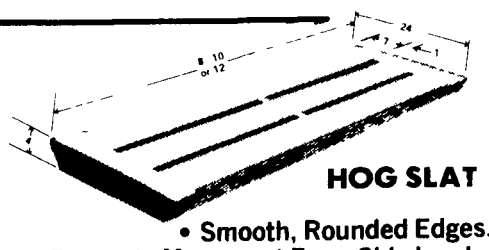
- Low Cost- Long Life



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- Smooth, Rounded Edges.
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USA WIRE 12 ½ ga Type 3 galv 4000	75 00
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2000 of above wire 12 1D coil mail	35 00
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A1 Wire 12 ½ ga Type 3 galv mile 68 lb BEST	44 00
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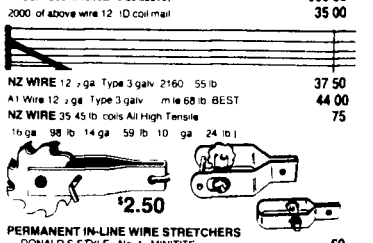
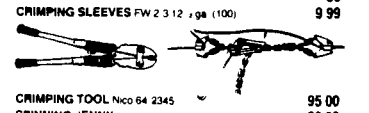


$2.50

PERMANENT IN-LINE WIRE STRETCHERS DONALD S STYLE No 1 MINITITE	69
No 2 New in 1984	1 75
HAYES STYLE (with aluminum cog spool)	2 50
HAYES HANDLE required to use above	5 95
SPRINGS galv 225 lb 1 compression	4 00
BRACE PINS galv 4 inch	25
9 inch	50
CRIMPING SLEEVES FW 2 3 12 ½ ga (100)	9 99



CRIMPING TOOL Nico 64 2345	95 00
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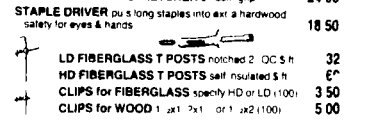

LD FIBERGLASS T POSTS notched 2 OC $ ft	32
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CLIPS for FIBERGLASS specify HD or LD (100)	3 50
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39 ft INSULTUBE Pel 32 for 12 ga	6 00
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CUT OUT SWITCH stainless steel	6 50
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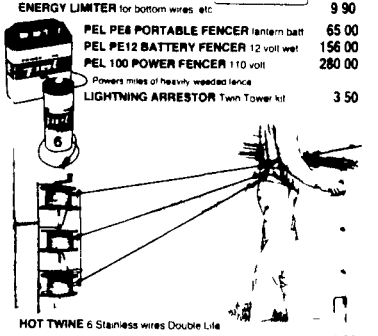
PEL PE6 PORTABLE FENCER lantern batt	65 00
PEL PE12 BATTERY FENCER 12 volt wet	156 00
PEL 100 POWER FENCER 110 volt	280 00
Powers miles of heavily weeded fence	
LIGHTNING ARRESTOR Twin Tower kit	3 50



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1650 ft	29 75
HOT TAPE ½ S wire Visable 660 ft	25 00
Electric Twine 3 stainless wires 660 ft L m ted	5 95
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FIBERGLASS ROD POSTS Portable $ ft	32
Attachment for above spring grip w re	10

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Registered Holstein Heifers. Due June, July, August. Artificially sired. Vaccinated. Call after 8 PM. 215-869-2181.

Burros Now Available - for adoption at Lewisberry, PA. All shots, coggins, wormed. Make great pets, stable mates. Also used to halter break show calves. Phone 717-938-2560.

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Registered 2 year old heifer, fresh 5/20/84, sire, Thumb-Pride Perfecter, the dam has 4.7 test & is very good. Dunwood Farms, Oxford, PA. 19363, or call 717-529-2950.

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For Sale - Dairy herd. 30 young, well producing cows. All AI breeding. Home raised. Also bred heifers and young stock. Please call 717-229-2055 Monday - Friday between 12 & 2 PM.

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Penny Lane Farm - reg. polled herefords, highest quality. Seed stock for reproduction of the best cow calf pairs cows bred back bulls, steers herd sires, enforcer 107 H, 445 M. Dunwalke Dollar. The Stick. 201-996-4769.

Registered Polled Herefords. Modern stock. Visitors welcome. Laurel Ridge Farms, Ledgedale 717-689-2158.

Polled Hereford cow by Graystone Hurrah with calf by MSU Prospector 508. Also yearling heifer by Victorious K47U81 Prices Polled Herefords, Fulton Co. 717-987-3395 evenings.

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CATTLE

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70 BRED GILTS
30 Yorkshire, 10 Duroc, 30 Crossbred Hand Mated to Farrow July to Mid August.

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77% calcium carbon ate 40% calcium oxide 75 ENP (Effective Neutralizing Power) 3% Potash (K_2O) 4 5% Sulfate U S D A Tested & Proven Only $4 60 per ton F.O B - We Deliver!
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Wanted - married couple for sizable commercial dairy. Jobs include; feeding herd, replacements and taking care of calves. Preferably experience in AI, animal health Must enjoy working with other employees All regulars provided. Lebanon area. 717-933-8622.

Dairy Farm - fulltime summer 25-30 hours winter. Must have own transportation. Some experience preferred Ideal for high school student. Denver-Ephrata area. 717-267-4250 days, 717-267-5815 evenings.

Person with experience to manage a modern 100 sow farrowing to finish operation farm. Housing available. 717-786-3740.

Herdsman And General Farm Work - 100 cow herd, stanchion barn, house included. Winding Brook Farm, Bucks County. 215-348-5514.

Full/part time position available in Delaware and Maryland. Service minded person needed to call on farming operations. Experience in sales, feedstuffs or livestock preferred. Vehicle required. Phone 301-438-3853 after 6 PM.

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Part Time/Full Time - mature van drivers, Lititz-Ephrata area - excellent driving record, must like senior citizens & handicapped. Record keeping required. Please include name, Phone # & experience when replying to Lancaster Farming, P.O. Box 366, R-7, Lititz, PA. 17543.

Full Time Farm Help. Truck and tractor experience necessary. Reply to Lancaster Farming, Box 366, L-23, Lititz, PA. 17543.

Gardner for small beds around home in Lititz area. 627-2718

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FARM HELP - 200 acre MD thoroughbred breeding farm. Near DC - Modern living quarters - desire couple. References - Promising future. C B Iler, 14800 Seneca Rd, Germantown, MD. 20874

Person To Work on Poultry Farm - must be qualified equipment operator and truck driver and mechanically inclined 717-582-2352.

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Couple willing to work on thoroughbred horse farm in Monkton, MD. House and utilities included. Call 301-771-4625 or 301-666-0531 evenings.

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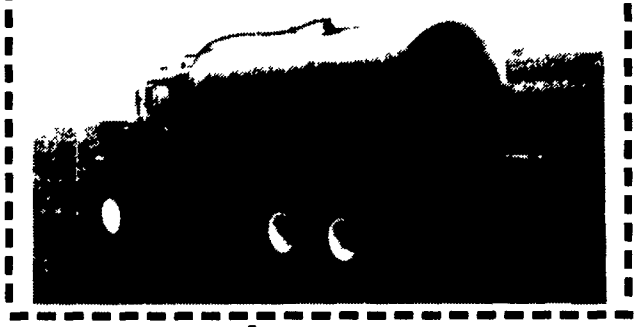

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Christian Family desires operating small dairy - salary, shares, renting Mennonite Area. Ralph Todd, RD 3, Box 81, Elmer, NJ. 609-358-8443.

Single Mature Man - farm-raised, recent post-secondary Dairy Science Education, AI certified, interested in milking position. Housing desired. Call 715-425-7602.

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You must be capable of handling supervision of other workers In addition, you will be responsible for quality control, production and testing of produce

This is a full time position However, hours are flexible depending upon production schedule and season

Salary in low to mid 20s with additional performance incentive plan We offer complete major medical insurance along with other benefits Please reply in confidence to
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ATTENTION CHESTER COUNTY - Experienced agricultural professional and spouse looking for country house/apt. to rent. Willing to give assistance in care of animals, maintenance of equipment and grounds in exchange for reduced rent. Call Mon.-Fri. 8:30-4:30. 215-436-4338.

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Suzuki 400, very fine, $800. 215-356-5305.

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In litter lots for resale in my pet shop.
Purebred & Mixed breeds needed.
Cash paid. Will pickup.
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Wanted - puppies for pets. AKC purebred mixed litters, 717-442-4259.

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I will buy pups June 5th and I will be closing the pup stand until July 31. If you have pups to sell contact Jo Jo at Root's Farm Market off Rt. 72, Manheim, PA. Open Tuesday evenings 5-8 P.M.

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2" new boiler flue pipe, exc. for gates or fencing. 717-872-9152 days, 872-2579 eves. and weekends.

One hive or 50, some with honey crop. Call 301-838-7648.

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Locust post, fully seasoned for fencing, landscaping, etc. Wholesale quantities. 717-755-5587, evenings.

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35,000 yd. fabric, 25 - $1.25 yd., sewing supplies ½ price. Open Thursday 9-4, Friday 9-7. Kirkwood, Lanc. Co. Abram B. Stoltzfus.

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Strawberries For Sale. Allen S. Zimmerman, Turkey Hill Rd., East Earl 2.

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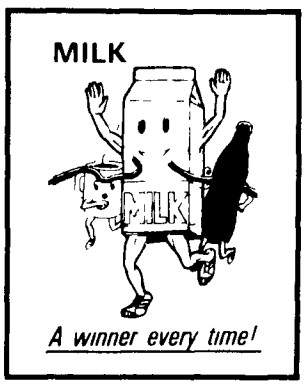
300 Bushkill St
Tatamy, Pa 18085
PH 215-258-2871

Penn York Refrigeration
RD1
Knoxville, Pa 16928
PH: 814-326-4496



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FREE SEED CORN CATALOG

MUNCY-CHIEF RETAIL PRICE LIST FOR 1984

Muncy-Chief Contract Growers Prices for 1985

Order for next year at these **Savings $4.50 to $6.50 per Bushel Less** than this spring prices. Prices subject to change - good to July 1. If seasonal prices go lower we will give you benefit of reduction.

Call Collect or See Muncy-Chief Dealer for Quick Prepaid Delivery

We can save you money — 56 pound bushels.

CONTRACT GROWERS PRICE LIST FOR NEXT SPRING DELIVERY

1985 Retail Prices Delivered to you prepaid or to Local Dealer

MUNCY-CHIEF SINGLE CROSS HYBRIDS

TREATED SEED — FULL 56 POUNDS BUSHEL

Prices are for Medium Flats

U or R (Unsized or Random Grade) $3.00 less per bushel, Med Round Kernels $2.00 less per bushel. (Please Mark Size)

Quan.			BU MF	BU MR	Plate-less
___	M-C SX878	115 to 120 days			
___	M-C SX776	110 to 115 days			
___	M-C SX777	110 to 115 days			
___	M-C SX662	105 to 110 days			
___	M-C SX660	105 to 110 days			
___	M-C SX560	100 to 105 days			
___	M-C SC552	100 to 105 days	58.00	56.00	55 00
___	M-C SX488	95 to 100 days			
___	M-C SX480	95 to 100 days			
___	M-C SX220	88 to 93 days			
___	M-C SX103	80 to 85 days			
___	Cornell 281	85 to 90 days			
___	Cornell 175	85 to 90 days			

MUNCY-CHIEF 3-WAY CROSS HYBRIDS

___	M-C 3X898	115 to 120 days			
___	M-C 3X676	105 to 110 days			
___	M-C 3X408	95 to 100 days			
___	M-C 3X553	100 to 105 days	53 00	51.00	50.00
___	M-C 3X301	90 to 95 days			
___	M-C 3X273	85 to 90 days			

MUNCY-CHIEF DOUBLE CROSS HYBRIDS

___	M-C H764	115 to 120 days			
___	M-C H656	105 to 110 days			
___	M-C H402	95 to 100 days			
___	M-C H401	95 to 100 days			
___	M-C H304	90 to 95 days	48.00	46.00	45 00
___	M-C H270	88 to 93 days			
___	M-C H207	85 to 90 days			
___	M-C H208	85 to 90 days			
___	M-C H208E	85 to 90 days			
___	M-C Silo Chief	85 to 100 days silo	46.00	44 00	43 00
___	M-C Lucky 7	Test Plot	70.00		

NEW MUNCY-CHIEF HYBRIDS

	M-C SX788	110 to 115 days			
	M-C SX688	105 to 110 days	90.00	88 00	87 00
___	M-C SX588	100 to 105 days			

Above prices are $4.50 to $6 50 per bushel less than todays price

M-C SX788, SX688, SX588 are $10 00 less per bu

Date ___

Gentlemen

Please enter our contract order for spring 1985 as marked above

Name ___

Address ___

Phone ___ Zip ___

Dealers Name ___

Address ___

( ) I am interested in dealership if area is open

RETAIL PRICE LIST AND ORDER FORM FOR SPRING 1984

1984 Retail Prices Delivered - Prepaid to Local Dealer

MUNCY-CHIEF SINGLE CROSS HYBRIDS

TREATED SEED - FULL 56 POUNDS BUSHEL

Quan.		Please Mark or Circle Size	BU MF	BU MR	BU U or R
___	M-C SX776	110 to 115 days			
___	M-C SX777	110 to 115 days			
___	M-C SX662	105 to 110 days			
___	M-C SX660	105 to 110 days			
___	M-C SX560	100 to 105 days	64 50	62 50	61 50
___	M-C SX488 new	95 to 100 days			
___	M-C SX220	88 to 93 days			

MUNCY-CHIEF 3-WAY CROSS HYBRIDS

___	M-C 3X676	105 to 110 days	57 50	55 50	54 50
___	M-C 3X301	90 to 95 days			

MUNCY-CHIEF DOUBLE CROSS HYBRIDS

___	M-C H764	115 to 120 days			
___	M-C H304	90 to 95 days			
___	M-C H270	88 to 93 days	52 50	50 50	49.50
___	M-C H207	85 to 90 days			
___	M-C H208E	85 to 90 days			
___	M-C Silo Chief	85-100 days for silo			
___	M-C SX788 NEW	110 to 115 days	100 00	98 00	97 00

MUNCY-CHIEF QUIC-KROP H700

		1-50	50-200	Over 200
___	M-C Quic-Krop Random Grade . .	17 50	17.00	16.00

MUNCY-CHIEF QUIC-KROP FOR ROW PLANTING

___	M-C Quic-Krop 1600 (early 85-90 days)	39 50	37.50	36.50
___	M-C Quic-Krop 2200 (Med 95-105 days)	39 50	37 50	36.50
___	M-C Quic-Krop 2800 (Med Late 105-115 days)	39 50	37 50	
	M-C Quic-Krop 2800 (Med-Late 105-115 days)	39 50	37 50	36 50

MUNCY-CHIEF HYBRID SORGHUM SUDANGRASS

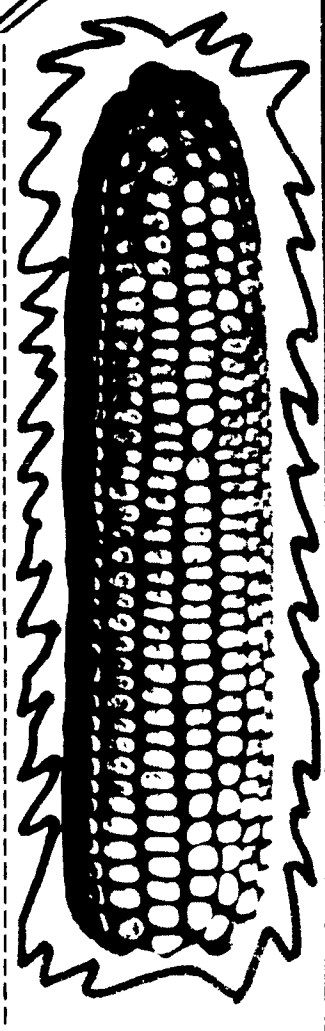
___	M-C H202 (50 lb bag)	21.50	21 00	Ask
___	M-C H205 (50 lb bag)	22 00	21 50	Ask

MUNCY-CHIEF BIRD RESISTANT GRAIN SORGHUM

___	M-C H7232	25.00	24 50	Ask

SOYBEANS

___	Certified Amsoy 71	14.00	13 75	Ask
___	Certified Williams	14 00	13 75	Ask



If you don't have a dealer in your area please call 717-546-5981

MAIL THIS FORM

To: Muncy-Chief Hybrids, Muncy, PA 17756

Name ___ Phone ___

Address ___

( ) PLEASE SHIP OR DELIVER ABOVE ORDER ON OR ABOUT ___

( ) SEND FREE CATALOG & PRICE LIST

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( ) I AM INTERESTED IN BEING SALESPERSON FOR MUNCY CHIEF

( ) FARMER - ACRES ___ ACRES CORN ___

( ) I A M A DEALER IN ( ) FERTILIZER ( ) LIME ( ) FEED

( ) MACHINERY, OTHER ___

MUNCY-CHIEF are also growers and suppliers of Seed Oats, Soybeans, Sorghum, Seed Wheat, Seed Rye and other seed grains. Also MUNCY-CHIEF 9,000 and 10,000 Baler Twine.

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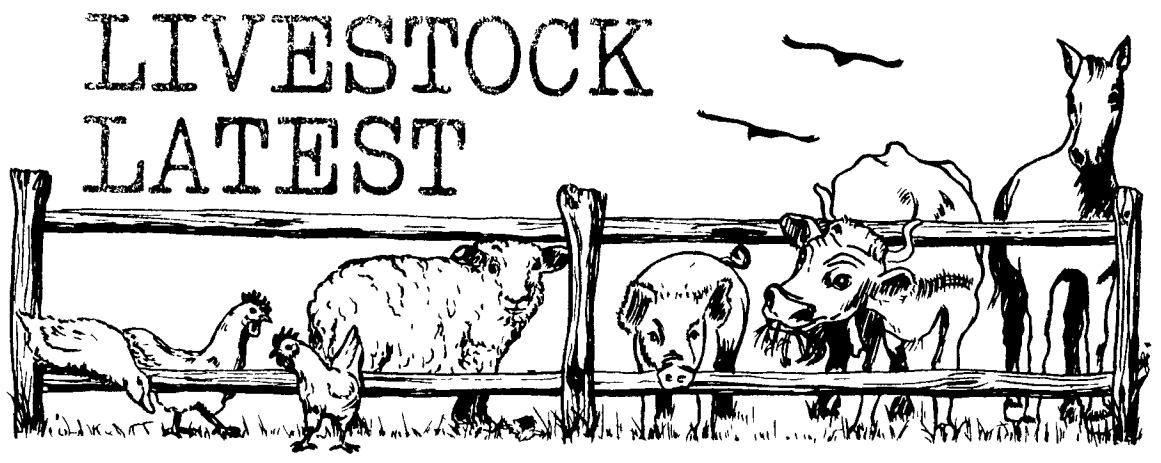


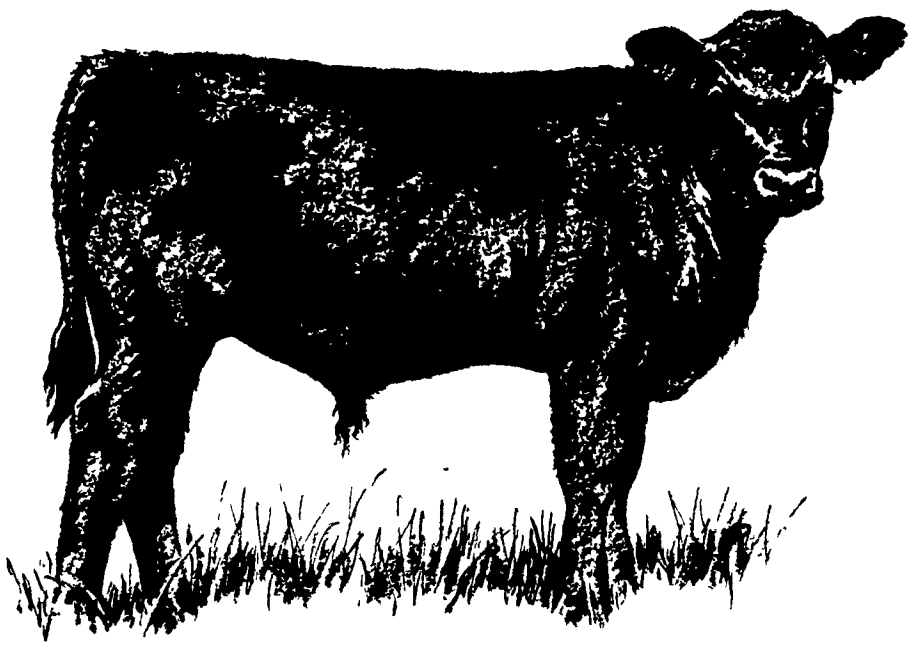
Krueger farm will host Angus picnic

The home of Triple Crown winner, Scarra, is the site of Pennsylvania's Eastern Angus picnic and field day.

The picnic, which is to be held Sunday, June 10, is hosted by Genetics Unlimited, Inc. and the Greg Krueger Farm, Coatesville. The picnic and field day will be held at the Kruegar Farm, south of Coatesville on Fairview Road.

Registration for the event will begin at 8 a.m. followed by an Angus judging contest and a fitting demonstration. Dr. Jim Evans and staff will give a presentation on live embryo transfer.

After the steak dinner at noon, small herd merchandising and herd health tips will be the subjects discussed. At 2 p.m. there will be tours of various herd operations in the area. Everyone is invited to share in these activities.



Pa. Angus Breeders Show, July 13, 14

CENTRE HALL — "Destined to be a major Angus Show in the East" is how promoters are advertising the second annual Pennsylvania Angus Breeders Show.

The show and field day will be July 13 and 14 at the Centre County Grange Fairgrounds, Centre Hall. On Friday, July 13, the Board of Directors, Junior Association and the Ladies Auxiliary will all meet. Following the meetings, roast beef will be served at 6 p.m., and at 7:30 p.m. "Angusfun" recreational events will be held.

Registration runs from 7 a.m. to 9 a.m. on Saturday, July 14. The Angus judging contest will begin at 9 a.m., with divisions for men, ladies and juniors. The livestock show, judged by Wayne Strawn, Yorkville, Illinois, will follow and include classes for bulls, heifers, junior heifers and steers. A showmanship contest and the contest awards will round out the program.

Robison elected first president of Pa. Limousin Assoc.

CARLISLE — The newly formed Pennsylvania Limousin Association elected James Robison of Olry as the first president of the group. The election was held Friday May 18, at a meeting of the board of directors. Cynthia Kreider, Waterford, was elected vice-president. Filling the post of secretary-treasurer was Robert Line, Jr., Carlisle. Richard McDonald, Shippensburg, was appointed news reporter.

Other members of the board are Robert Penney, Reading, and C.J. Peters, Mohnton. The members of the board of directors had been elected to that post at a general membership meeting April 7, 1984 at the Carlisle Livestock Market.

The purpose of the Association is to promote Limousin cattle in Pennsylvania, support breed activities, and help to improve and maintain the breed. Activities proposed for the new association were a spring sale, fall Limousin feeder calf and club calf sale, field day and Farm Show. A directory of the members is to be published. There is to be a logo contest for the group.

Anyone wishing additional information or submitting a logo for the contest should write or call: Pennsylvania Limousin Association, Robert Line, Jr., Sec-Treas., 2070 Ritner Highway, Carlisle, PA. 17013. (717) 243-1281.

Pa. numbers up

U.S. sheep population at all-time low

UNIVERSITY PARK — According to Penn State extension ag. economist, H. Louis Moore, Pennsylvania's sheep numbers have increased six percent in the past year, despite a decrease in the number of sheep nationwide.

The inventory of all sheep and lambs in the U.S. on January 1, 1984 totalled 11.4 million head, down five percent from 12 million recorded a year earlier. Moore points out that this is the lowest inventory of sheep and lambs recorded since estimates were started in 1867. Except for slight increases in 1980 through 1982, there has been a long-term downward trend in sheep production in the U.S.

Moore states that the national cutback in numbers is apparently due mainly to sheep producers' deteriorating net returns. The economist points out that lamb prices are highly responsive to beef prices, a segment of the livestock industry that has also been generally unprofitable in the last few years.

Estimates of costs and returns for sheep operations since 1977 show increasing costs while selling prices have dropped or remained steady at best. This has resulted in a net profit squeeze for sheep producers.

Moore predicts that lamb prices should increase in 1984, making the enterprise more profitable than in the past few years. Higher prices will result because of the sharp cut in sheep numbers and the expected cut in beef and pork production, combined with a much stronger general economy.

Livestock Ledger

By

Chester D. Hughes

Extension Livestock Specialist

Natural steroid holds promise for swine

NEWARK, Del. — When someone mentions the use of steroids in the livestock industry, most people think of the growth promotants used in cattle feedlots. But now a feedgrade steroid called sarsaponin is making its way into hog production. A naturally occurring plant steroid, sarsaponin is available to swine producers in the formulated product, Micro-Aid.

According to University of Delaware extension livestock specialist Dr. Ken Kephart, Micro-Aid has been around for nearly 15 years. But distributors have been actively marketing it to hog producers only during the past year. Micro-Aid's selling points include improved gains and feed efficiency—claims which are based on research conducted at agricultural experiment stations at Purdue and North Carolina State universities.

The Purdue study was conducted by Dr. Jim Foster and involved five growing-finishing trials with a total of 717 hogs in both open front and total confinement facilities. In all of these experiments, pigs remained on test from about 60 to 210 pounds.

Kephart says the purpose of these trials was to find out if the product worked, and also to determine the optimum feeding level. In the first two trials Foster added zero, one, two and four ounces of Micro-Aid per ton of feed.

Studies at both Purdue and North Carolina State have shown the naturally occurring steroid, sarsaponin, to be an efficient meat producing supplement for market hogs.

In both tests, performance peaked at the two-ounce rate. At this level, pigs on the Micro-Aid diets grew five to seven percent faster than the control group, with little or no change in feed efficiency.

The next objective of the Purdue study was to determine whether pen density influenced the effect of Micro-Aid. So Foster allotted eight pigs per pen (9.6 square feet per head) or 10 pigs. (7.7 square feet per head). At the lower density, animals getting the steroid again grew about six percent faster, with

(Turn to Page D4)

Just recently, the Lancaster County Red Rose 4-H Beef Club held their annual steer branding session at the Melvin Kolb Holstein facility near Lancaster. Within three hours, 70 4-H club steers and 7 FFA project steers passed through the squeeze chute, receiving an official ear tag, the familiar "FS" brand and optional treatments, including a worm bolus, a growth stimulant implant, and an insecticide treated ear tag to control pesty flies during the summer.

In addition, a starting weight was recorded on each steer as he crossed the scales. This weight is used in calculating average daily gains at the end of the project and is helpful in planning feeding programs for the remainder of the project year.

Every 4-H and FFA member that hopes to exhibit at the Pennsylvania Farm Show in January must have his steer officially branded with "FS" by June 1 of the preceding year. Therefore, the latter part of May becomes a busy time for beef club members throughout the state. Every county submits the number of steers branded to the state office and they determine, by a quota system, the number of steers that a county may exhibit at the Farm Show, based on the number of steers branded.

Branding day makes for an excellent time to preview all of the county steers that are headed for Pennsylvania Farm Show, and former Lancaster Extension Agent, Max Smith was on hand to do just that! Max continues to be an inspiration for 4-H members involved with beef projects.

Many thanks go to Frey Bros. Manufacturing, Quarryville who donated the squeeze chute to the club to be used for branding steers in the years to come, and to Melvin and Dennis Kolb for the annual use of their facilities. Every year, Earl Umble, representing Young's, Inc., donates his services and products for implanting and deworming. This year Agway, Salunga provided the insecticide tags and donated an applicator to the club. Atlantic Breeders Cooperative again donated the liquid nitrogen for freeze branding, and Solanco FFA supplied the scales for weighing.

The Red Rose 4-H beef Club expresses many thanks and gratitude to all of those individuals and businesses who aid in making branding day successful.

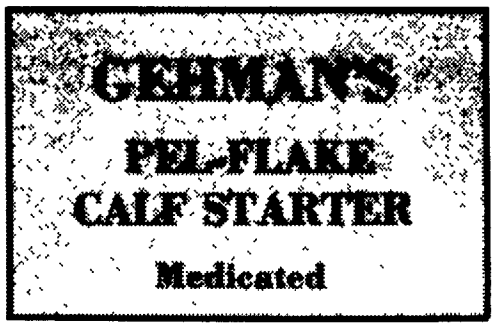
The Cooperative Extension Service is an affirmative action, equal opportunity educational institution.

June is dairy month

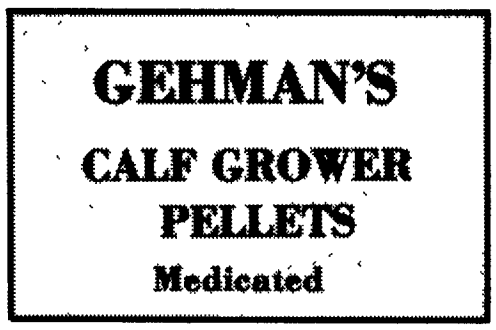
GEHMAN'S

: Can Provide You With A Complete Line Of Dairy Feeds From Start To Finish.
: Have Feeds Available To Meet The Needs Of Your Growing Herd Replacements, Milking Herd, And Dry Cows.

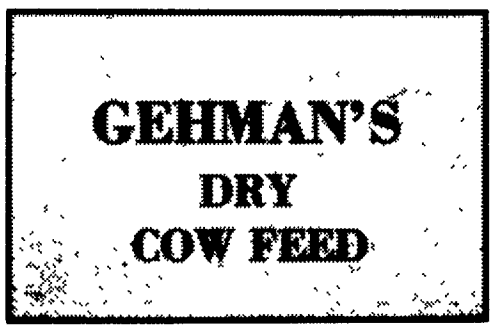
June is dairy month



Our textured Pel-Flake Calf Starter is a very palatable feed with 18% crude protein. It helps give your growing herd replacements a head start. Feed the calf starter until calves are approximately 3 months of age.

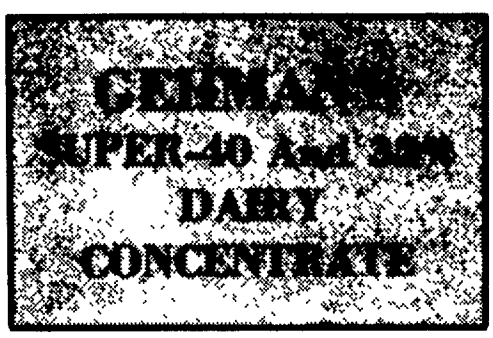


Our Calf Grower Pellets are a 16% crude protein feed recommended from 3 months to approximately 6 months of age. Limit feeding to no more than 5 pounds per head per day. Keep fresh, clean water, and good quality hay available at all times.

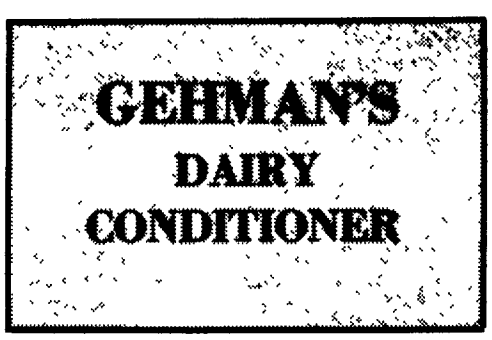


After herd replacements reach 6 months of age switch to Dry Cow Feed. Feeding at the rate of 5 pounds per head per day provides for adequate daily intakes of vitamins and selenium. Be careful not to over condition dry cows and springing heifers.

The textured Pel-Flake Feeds are available in 14, 16, 18 and 20% crude protein levels. Which one you need is based upon your forage feeding program. Recommended levels of feeding are also given to assure that nutrient requirements are met.



32% and 40% Dairy Concentrates are also available to compliment your home grown grains. The 32% is available in pellets and works well with a high moisture ear corn program.



During periods of high production cows are under added stress. With that in mind our Dairy Conditioner was developed to be fed at the rate of 1 lb. per head per day from "calving to conception." The conditioner contains added vitamins, yeast culture, methionine, and niacin (a B-vitamin), with 20% crude protein.

These Feeds Are Available In Bag Or Bulk Deliveries

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Steroid for swine

(Continued from Page D2)

very little change in feed conversion. But when there were 10 pigs per pen, the Micro-Aid ground grew 7.5 percent faster with a three percent better conversion.

Foster also included Tylan in two trials. The response to this was about the same as that for Micro-Aid. When fed in combination, he observed a very slight improvement (two percent) over using Tylan alone.

Micro-Aid apparently had no effect on carcass merit, Kephart notes. The final trial showed that the product had a greater effect on performance when pigs received a low-protein diet.

"Unfortunately," says Kephart, "this boost in performance wasn't enough to make up for the production lost due to the protein deficiency."

The work at North Carolina State University was conducted by Dr. Evan Jones. In one trial the scientist observed no positive effect with Micro-Aid. But in the last 28 days of his second growing-finishing trial, pigs in the Micro-Aid group showed 11.3 percent improvement in feed efficiency. Jones explained: "During the first part of this second trial, pigs in both groups performed equally. Then we moved them to an overcrowded facility during a spell of very hot weather. It was during this period of stress that animals receiving Micro-Aid showed a tremendous improvement in feed efficiency."

So both Jones and Foster observed a good response to Micro-Aid when conditions were less than desirable, Kephart says, though so far no one understands how the product works.

What about cost? At the two-ounce rate, the specialist says Micro-Aid will add about $1.50 to the cost of a ton of feed.

"That boils down to about 45 cents per market hog," he concludes. "You'd need an increase in feed efficiency of only one percent to pay that back."

McKean named assistant for CAB

MERCER — Kirke McKean, 22, of Mercer, is serving as the 1984 summer assistant in the Certified Angus Beef (CAB) department, reports Mick Colvin, director of the CAB program, for the American Angus Association.

McKean, an agricultural business management major, will be a senior this fall at Pennsylvania State University, University Park.

Kirke's duties as CAB assistant will be to help in educating distributors on meat marketing, and the monitoring of CAB sales.

The Mercer County native grew up on his parents Angus farm, where he runs his own herd, and was active in the Angus world, as well as in 4-H. He served as the Director of the Western Pennsylvania Junior Angus Club and won numerous Angus showmanship and fitting awards. At college, Kirke is a member of the meats judging team and active in the Block and Bridle Club.

Kirke has also been very involved in meat processing. He is

Kirke McKean

the kill floor manager of the Penn State meats lab and worked at a packing plant during the summer. Kirke also worked in the meat department at the family's supermarket.

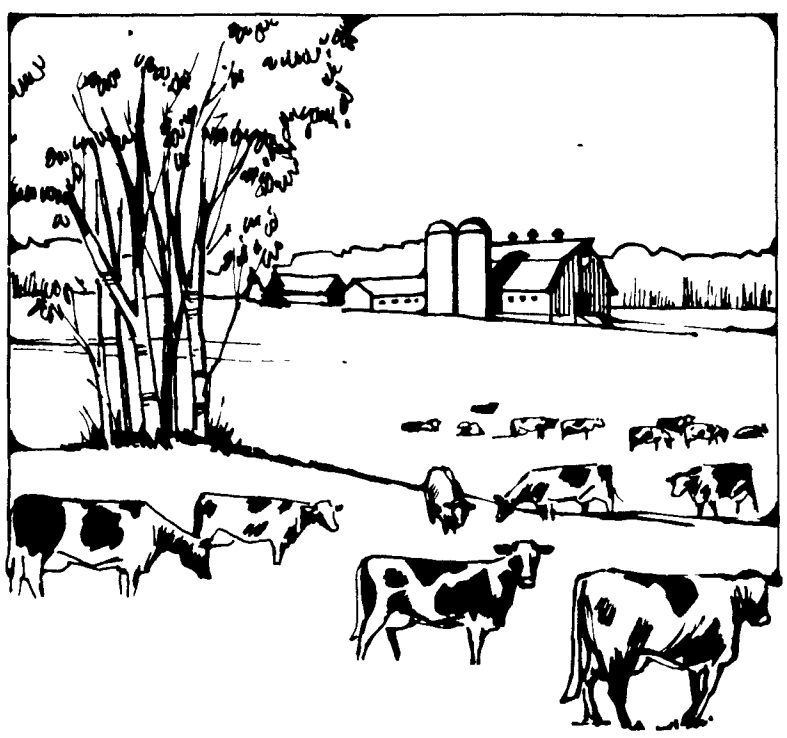
Berks County wool pool scheduled

LEESPORT — The Berks County extension service reports that a wool pool will be held at the J. Paul Leid Building on June 16, from 7 a.m. to 3 p.m. This location is the Reading Fair Livestock Building behind the Fairgrounds Square Mall, Routes 61 and 222, north of Reading.

Wool will be bought by the Midstate Wool Growers Association Cooperative, and the price will be $.73 on a non-graded basis. A handling charge of approximately $.10 will be deducted from this price.

Participants are reminded that wet, dirty, or low quality wool, or wool containing excessive foreign matter will not be accepted. Also, wool submitted in plastic feed bags or tied with other than paper twine will be unacceptable.

Dairy Month is a natural time for a real "Thank you."



The dairy farmers and their families who live and work around our community deserve a great deal of thanks. Their stability helps our community remain stable and healthy. Their insistence on offering only the highest quality milk and dairy products sets an example for us all and improves the quality of our lives. We congratulate them now, during Dairy Month, and thank them for their contributions.

June is dairy month

June is Dairy Month

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NY Beef Cattlemen form committees

JAMESTOWN, NY — Allen Peterson of Jamestown, president of the New York Beef Cattlemen's Association, reports committees of the state organization are working in several major areas of promotion, legislation, producer services, marketing, and sales.

Carlton Brown of Beaver Dams heads the promotion committee which has initiated a fund-raising raffle. Tickets are being sold for a first prize of $400; a second prize of $150 and a third prize of $50. The committee is also developing plans for the 1985 Beef Ambassador project and finalizing plans for exhibits at Empire Farm Days and the New York State Fair.

Brown is an industrial arts teacher in the Corning school system and has a small herd of registered Polled Herefords.

Bruce Smalley of Belmont heads the marketing committee which has been charged with development of marketing alternatives for feeder cattle especially in areas where feeder sales are small or non-existent. The committee is also working with the Southwestern Custom Feedlot Pilot Project at Perry and with similiar projects if they are initiated. The committee is also working closely with Peter Comerford of the State Department of Agriculture and Markets.

Smalley is the 4-H cooperative extension agent in Allegany County and also works with the Extension Agriculture Division in that county. He was honored a few years ago by the New York Beef Cattlemen's Association as Outstanding Extension Agent.

Jean Shwartz of Earlville is serving as chairman of the Cattlemen's legislative committee that is working to develop a Beef Check-Off to support beef promotion, research, and consumer education. The committee is working closely on this project with the New York Farm Bureau.

Mrs. Shwartz, her husband, and family operate a large beef cattle operation at Maple Avenue Farm with a herd of registered Angus and a commercial feedlot. Mrs. Shwartz is very active in Farm Bureau and is a member of the Madison County Planning Board.

Helen Patton of Bainbridge is chairman of the marketing committee which is also working with Comerford to develop a workable exchange and marketing program. The committee is also working to encourage greater participation in the performance testing program developed by Cornell University and the New York Beef Cattlemen's Association.

Mrs. Patton has served as coordinator of the Association's Market Exchange and as former promotion committee chairman. She is vice president of the New York CowBelles and assistant beef superintendent at the New York State Fair. She and her husband Tom have a small herd of Shorthorns and she has a few horses.

Steve Gotovich of Stanfordville is serving as chairman of the advisory committee which is charged with developing a second three year plan for the growing New York Beef Cattlemen's Association. The development and implementation of the first three year plan resulted in increased membership and member involvement; in development of such producer services as the market exchange, the custom feedlot project, the performance testing program which is geared to the commercial cattleman; and a visible and viable promotion of the beef industry in the state and of the New York Beef Cattlemen's Association which serves all aspects of this industry.

Gotovich is manager of Wheatley Farms and president of the New York Simmental Association.

PPF sets convention dates

The Pennsylvania Poultry Federation has set October 24 and 25 as the dates for its 1984 Annual Convention.

Once again, the convention will be held at the Holiday Inn, Grantville and will feature special sessions for egg, broiler and turkey industrymen as well as the Annual Awards Banquet and golf tournament. Also scheduled are a spouses program and a bus tour of a nearby attraction.

For further information, call the Pennsylvania Poultry Federation office at (717) 652-7530.

Sheep breeders in NJ to meet Tuesday

FLEMINGTON, NJ — "Cooking lamb" will be the topic at the upcoming meeting, Tuesday, June 5, of the Hunterdon County Sheep Breeders' Assn., according to Richard Betts, Stanton, vice president. Speaker will be Beverly Thompson, Innkeeper of the Upper Black Eddy Inn.

"She will share some of her cooking secrets with us," says Betts. Everyone interested in good food is invited to attend.

The meeting will be held in the Hunterdon County Extension Center, Rt. 31 and Gauntt Place, just north of Flemington.

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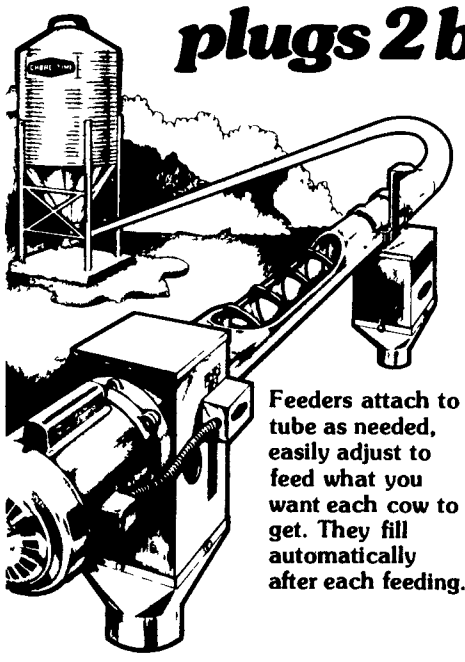

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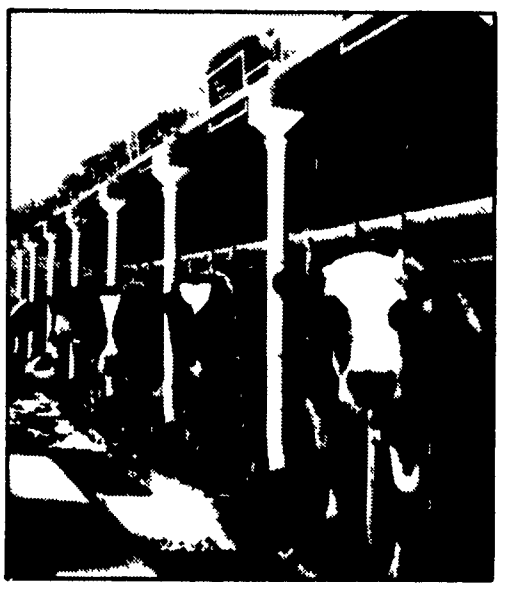

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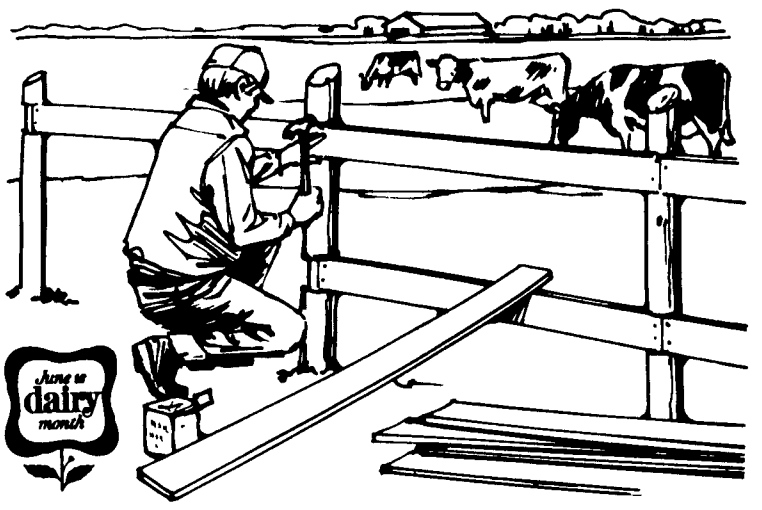

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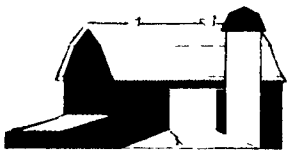

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Stauffer to sell Landini tractors

NEW HOLLAND — Stauffer Diesel, Inc., New Holland, has announced it will market the Landini line of tractors, developed and manufactured by the Landini Division of Massey-Ferguson Italian subsidiary. The tractors are designed for the farmer looking for a tractor built for efficiency and dependability at a competitive price.

The Italian-made Landini tractors are available in nine models, according to E. Tony Stauffer of Stauffer Diesel, Inc. They range from 42 to 122 pto horsepower. Each model is available in two and four-wheel-drive.

All Landini tractors are equipped with Perkins diesel engine and 12-speed synchromesh transmissions.

Stauffer notes that Landini tractors are backed by an excellent warranty program, and parts and service are readily available through the Massey-Ferguson North American parts and service network.

The tractors represent state-of-the-art engineering, according to Stauffer.

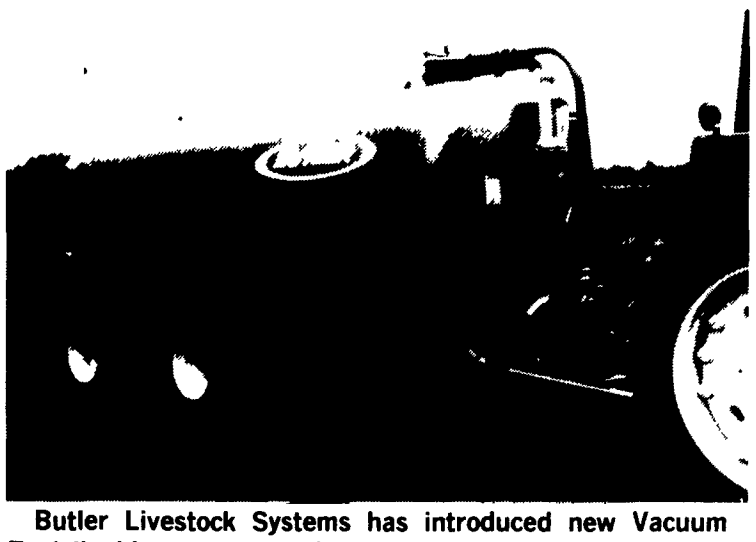
He adds that Landini tractors have proven reliability in a wide variety of agricultural uses.

Landini tractors, designed for the farmer looking for a tractor built for efficiency and dependability at a competitive price, are now being marketed in the U.S. and Canada. The Italian-made tractors are available in nine models ranging from 42 to 122 pto horsepower.

Landini is an established name in the agricultural equipment industry. Founded by Giovanni Landini in 1884, Landini is the oldest trademark of agricultural tractors built in Italy.

In 1911, Landini introduced the first semi-diesel engines. Giovanni Landini's sons introduced the first Landini tractor in 1925.

Landini tractors have been sold throughout Europe and other parts of the world since 1925. North America represents the most recent expansion of the Landini marketing area.



Butler Livestock Systems has introduced new Vacuum Tank liquid manure spreaders.

Butler reports new spreader

FORT ATKINSON, Wisc. — Butler Livestock Systems recently introduced the 2200 and 3200 Vacuum Tank-R liquid manure spreader for hog or high liquid operations.

The 2200 and the 3200 Vacuum Tank-R spreaders are equipped with a 200 C.F.M. vacuum pump that can be operated with either 540 or 100 R.P.M. tractor P.T.O. speed with optional hydraulic motor drive. The pump's own oil reservoir maintains lubrication for longer life. When the pump is in the pressure mode, the tank can be pressurized to increase spread pattern and reduce unloading time.

Another design factor that contributes to the Butler Tank-R spreader's long life and ruggedness is 1/4 inch COR-TEN plate steel tank walls for corrosion resistance. Domed heads furnish additional strength, while full-length skids provide sturdy tank support.

Butler's Vacuum Tank-R also features an easy-to-read level indicator and two moisture traps. The primary moisture unit has a six-inch ball located inside the tank, that serves as a pressure relief valve and prevents damage to the tank. The secondary moisture trap and scrubber include a 3-1/2 inch ball outside the unit that protects the pump from foam and liquids.

Both models have optional hydraulic-operated top fill hatches that allow the units to be filled by other pumping stations. Butler's Vacuum Tank-R spreaders also feature hydraulically operated loading and discharge ports located on hinged 22-inch rear access doors. Standard six-inch heavy-duty hose or optional four-inch can be stored in the hooks on the side of the tank. Butler's adjustable spreading nozzle makes it possible to broadcast manure from 15 to 25 feet. Optional soil injectors are available to minimize nutrient loss.

For additional information on the new Butler 2200 or 3200 gallon Vacuum Tank-R liquid manure spreaders, contact: Butler Livestock Systems, 801 Janesville Avenue, Fort Atkinson, WI 53538.

Grain, feed rules opposed

EPHRATA — New OSHA standards that have come out in favor of regulation of small country grain elevators and feed mills to prevent fires and explosions are being opposed by Penn Ag Industries Association. The Association is urging its members to write to OSHA, Congressmen, and Senators to convey their disfavor.

Penn Ag, using information from a detailed critique of these proposals from the Office of Management and Budget, maintains that these regulations are technically unfeasible, impractical and unnecessary.

Since private safety incentives created by market mechanisms are stronger than OSHA standards and costs unproportionally be put on these small concerns, Penn Ag concludes that large-scale grain storage and on-farm storage will increase. This detracts from the profitability of these smaller concerns and allows for grain storage in non-regulated places. Also, in researching the need for such regulation, the Office of Management and Budget found that much of the data on the risks of fires and explosions were biased toward more sever events, thus overstating the risk and therefore exaggerating the need for regulation.

In bried, Penn Ag feels that while these standards are well intentioned, they would be unrealistic and costly to implement, and would not solve the problem ostensibly being addressed. For more information, contact Penn Ag.

PennAg appointments

EPHRATA — Neil Andre, Vice President of Andre and Son, Inc. has been appointed to Penn Ag Industries Association's Insurance Trust.

Also, Mike Horn, Corporate Fleet Manager for Pennfield Corporation, Lancaster, has been named to Penn Ag's Board of Trustees.

Combine maintenance is critical to prompt harvest

CHICAGO, Il. — Harvest is critical in the production cycle of any crop. But getting the crop out on time may weigh heaviest upon wheat producers whose crop can burn, flood or blow down virtually overnight.

Although a wheat grower can't control Mother Nature, he can take some preseason precautions. The result could be decreased downtime caused by combine failure.

"Since Mother Nature doesn't always work with you during harvest, you want the least possible downtime due to combine failure," says Gerry Salzman, International Harvester combine product manager. "That's why it is so important to spend a little time now preparing for the busy harvest season."

Although routine interval maintenance can be followed for most farm machinery, combine maintenance varies greatly among field conditions. Stress on a combine used on the level plains of Kansas is far different fromthat of a machine used on the river hills along the Missouri River.

Combine maintenance

Thus, combine maintenance becomes a strict management process for the producer and should start with the owner's manual, Salzman says.

Salzman advises wheat producers to begin their preseason combine inspection with the grain header system.

Check the header level adjustment and inspect the reel drive chain for excessive wear. Calibrate the reel speed, which is vital to an accurate, smooth harvest flow. Adjust the sensor or replace it if equipped with reel-to-ground speed control.

Inspect the reel lift adjustment, fore and aft reel positions and the reel tine pitch.

Worn knife system parts threaten efficiency, both in terms of harvesting speed and lodging problems, so carefully inspect the knife guards, hold-down clips and knife sections. Time spent here Salzman says, can greatly save precious hours dur ng harvest.

Adjustments

Cracked knife drive belts should be replaced. The auger chain should be adjusted for correct tension or replaced if worn unevenly. While inspecting the auger chain, adjust the auger for stripper clearance and auger-to-bottom clearance.

Salzman says this is a good time to adjust the retractable finger and auger slip clutch if necessary.

The windrow pickup is important for proper combine function. Inspect the pickup belt, belt angle and tooth-to-ground clearance and adjust according to factory specifications.

Header height tubes should be clear of any foreign material, and the linkage should be tight, but responsive.

Salzman warns that all header units equipped with electrohydraulic sensing should be inspected carefully for electrical shorts, cracks or corrosion.

Although header maintenance is critical, Salzman says the entire unit must function properly and in unison to ensure a smooth harvest.

Lubrication

Proper lubrication is imperative for all equipment. Carefully inspect the following areas for lubrication, leaks or broken seals: engine, transmission, drive assembly, hydraulic system, PTO drive housing, brake master cylinder, air conditioner compressor, forward gear case, rotor gear case and chopper gear case.

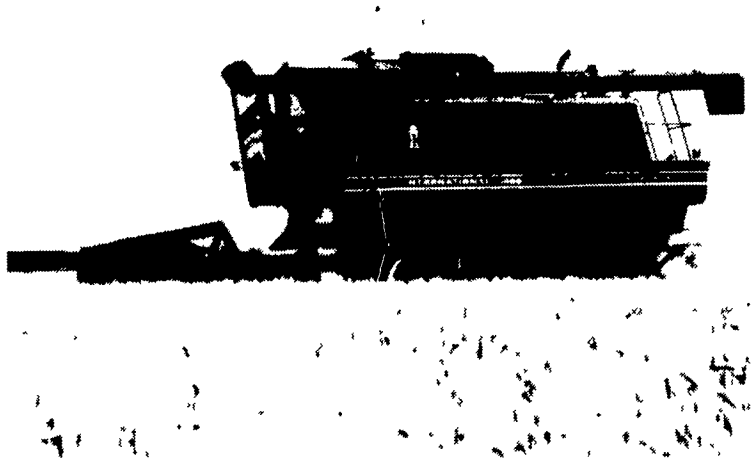
The heart of the combine, its engine, should be thoroughly inspected, Salzman says. Start with the radiator, which should be drained, flushed and refilled every two years. All caps, hoses and connections should be tightened to avoid costly leaks. The outside of the radiator, oil cooler, air conditioning condensor and rotary air screen also should be thoroughly cleaned. Material buildup can greatly affect their performance and possibly lead to part failure.

All filters, from air to oil, should be replaced.

The transmission linkage, hydrostatic drive, brakes and wheels should be adjusted for optimum performance.

To round out a thorough inspection, check all electrical parts, including units and wiring for cracks, shorts or corrosion of contact points. Problems here might lead to time-consuming breakdowns.

Salzman says a thorough preseason checkup might save hours of frustration during harvest, put more grain in the elevator and money in the bank.



Wheat harvest is fast approaching. Specialists at International Harvester say a preseason checkup will mean more productive hours in the field, more grain in the bin and more money in the bank.

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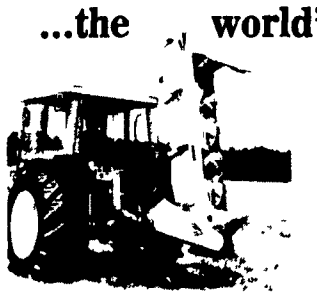

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Kuhn's six-tined HD steel flanges have outer blades facing out. You get full-width tillage. Front-mounted depth guide wheels give you depth control and maneuverability.

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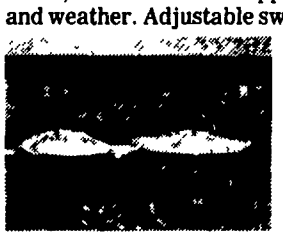
Kuhn has engineered Mower Conditioners that cut hay up or down, wet or dry, even in toughest conditions. They operate fast, resist clogging, and condition hay thoroughly to speed drying time up to 50%. There's less chance of "rained-on hay," and the palatability is improved with a Kuhn Mower Conditioner.

Highly efficient oval disc cutting system severs crop at base and feeds it through free swinging fingers and reversible conditioning comb. A crop goes through conditioning comb, natural wax is stripped. Conditioner is adjustable to 20 positions to suit crop and weather. Adjustable swathboards provide light fluffy swaths to ensure fast drying times. Cutterbar is height-adjustable to suit terrain and incorporates blade protection features. Built tough to last!



Call or write for more information.

FC250 - 5 oval cutting discs 8' cutting and transport widths
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Hange joins Sire Power

Don Hange

TUNKHANNOCK — Don Hange, Wooster, Oh., is named to the position of District Sales Manager for Sire Power, Inc. Don will be serving the Eastern Ohio area, according to Michael Creek, Sire Power's National Sales Manager.

Hange will be managing established areas and open up new sales territory for Sire Power in Eastern Ohio. His duties will include direct herd semen sales, delivery of semen, supplies, and nitrogen direct to the farm, teaching A.I. Training Schools, supervising A.I. technicians, and promotion of the GOLD Sire Development Program.

Previously, he served as the Executive Secretary of the Ohio Holstein Association for the past two and a half years. Prior to this, he was the Director of Communications for World-Wide Sires, Inc., an international semen marketing firm, based in California. He was a member of the World-Wide Sires staff for 3 years where he coordinated the domestic and international travel programs of World-Wide Sires clientele. From April 1976 through February, 1978, he was a Program Director for the National Holstein Association serving the states of Alabama, Florida, Georgia, Louisiana, Mississippi, and South Carolina.

Hange is a graduate of The Ohio State University with a Bachelor of Science Degree in Agriculture with his major in Dairy Science. He is also a member in several professional organizations and activities. While an undergradate at Ohio State, he was on the 1974 University Dairy Judging Team. Later in 1977, Don was an official judge for the Intercollegiate Dairy Cattle Judging Contest. He is an accredited Dairy Cattle Judge, and was very active in 4-H, Future Farmers of America, and participated in the International Farm Yough Exchange (I.F.Y.E.) Program.

Syntex names manager

Jeff Friese

DES MOINES, Ia. — Syntex Agribusiness has named Jeff Friese to the position of Eastern Regional Over-the-Counter Sales Manager, according to company Vice President of Marketing Rich Shuler.

Friese joined Syntex in September, 1982 as a sales representative in southeast Nebraska and southwest Iowa. Before joining Syntex he had 4½ years sales and management experience in the animal health industry.

In his new position, Friese will have responsibility for coordinating sales efforts for Synovex implants and swine biologicals in the eastern region, as well as motivating his 10-member sales force to reach their objectives.

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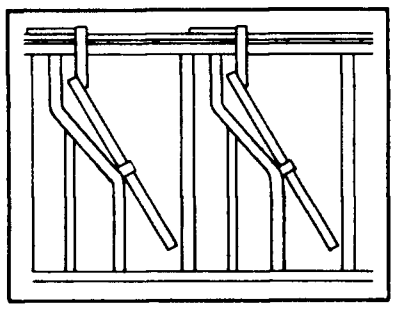

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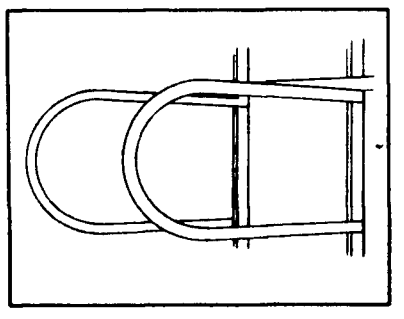

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MF announces rotary mower, rake

DES MOINES, Ia. — Rotary disc mowers and rotary rakes are proving to be the hay-making wave of the future. The new rotary design for mowers and rakes permits fast, efficient and thorough handling of virtually any hay product.

To meet farmer demand for this new rotary technology, Massey-Ferguson introduces the MF 530 Rotary Disc Mower and the MF 560 Rotary Rake.

Rotary Disc Mower

The MF 530 is one of the first rotary mowers built in North America, and is engineered to cut through the toughest hay or grass conditions with no stopping, stalling or plugging.

The mower is built for durability. It has a heavy duty, horizontal steel-box frame construction with rugged tubular frame members utilizing the gearbox as a frame component.

Two outside cutting drums and a bed of three cutting discs are pto-driven through a shaft which spans the top of the entire cutting frame. This unique design reduces power transmission stress through the mower bed and eliminates the need for a transverse gearbox on the bottom.

The center mounted cutting design of the MF 530 provides even weight distribution and excellent flotation for following ground contours.

Cutting width of the MF 530 is 90 inches and the cutting height is quickly and easily adjustable. The mower has the capacity to mow seven acres per hour, at operating speeds limited only by field conditions or tractor power.

Adjustable lower pins allow up to five-inch offset so wide-tire tractors will not run over freshly mowed hay.

The cutting discs and drums are equipped with reversible cutting knives which can be easily replaced in the field.

Switching from operating to transport position is done hydraulically and is controlled from the tractor seat.

Optional equipment includes disc deflectors to adjust swath width, and a conditioner for gentle handling and conditioning of sensitive, leafy hay crops.

Rotary Rake

The new MF 560 rotary rake can handle virtually any hay product thoroughly and efficiently at

(Turn to Page D10)

Massey-Ferguson introduces the MF 530, one of the first rotary mowers built in North America. The rotary mower is engineered to handle tough hay or grass conditions with no stopping, stalling or plugging. The MF 530 is capable of mowing up to seven acres per hour.

To complement the introduction of the MF 530 rotary mower, Massey-Ferguson has also introduced the MF 560 rotary rake. The new rotary design rake can handle up to eight acres per hour.

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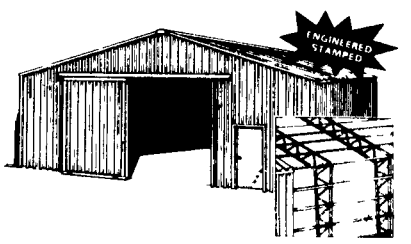

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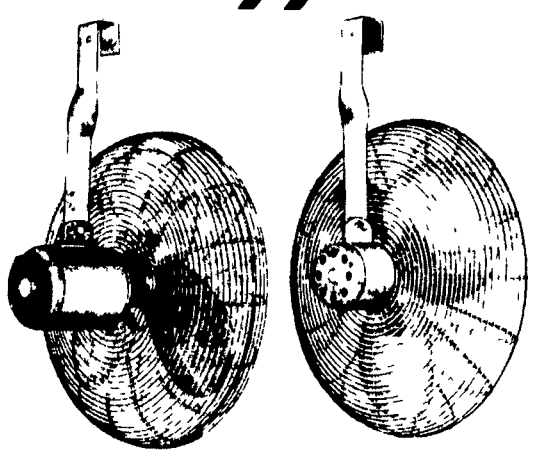

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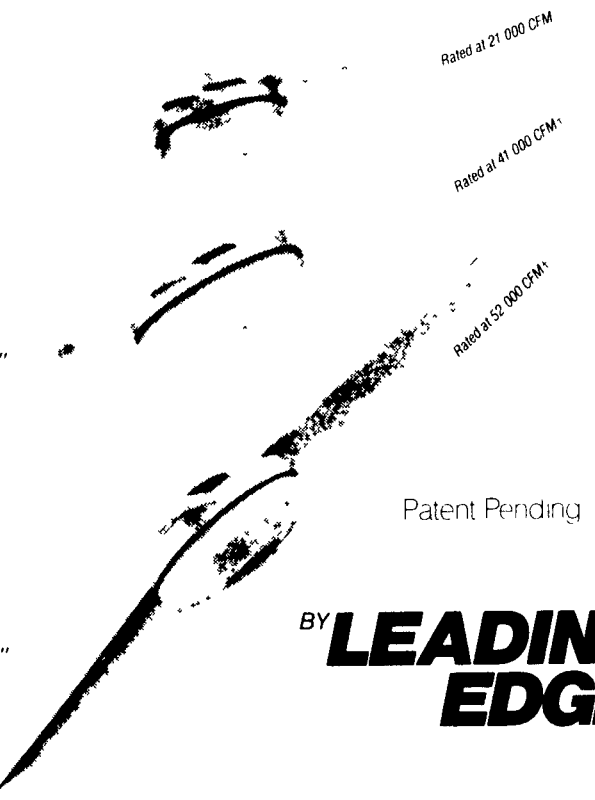

Patent Pending

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Herbicide demo planned

INDIANAPOLIS, Ind. — An extensive field demonstration program is being established by Elanco Products Company for its new soybean weed control, Conserve.

This new product will be used in over 300 Conserve Certifields, where farmers will be able to certify product performance in their regular soybean production. Certifields will be located in major soybean-producing states, according to James L. Barrentine, Director of Plant Science Field Research for Elanco Products Company.

"Conserve will have the opportunity to demonstrate its versatility in the widest possible variety of reduced tillage practices," Barrentine said. "The Conserve Certifields are being handled by farmers, not researchers, to give a true picture of this product's performance."

Farmers will use Conserve in place of their previous soybean herbicide, applying it with their regular tillage tools. Most of them will be using Conserve in reduced tillage programs.

"This is the first weed control actually designed for reduced tillage," says Dr. Jerry C. Walker, Director of Agricultural Product Development for Elanco. "With Conserve, the farmer doesn't have to give up excellent weed control or take chances when he cuts down on tillage passes.

Walker describes Conserve as a "basic soybean herbicide that combines both existing and new technologies in a single formulation." Applied before planting and emergence, it controls a wide range of annual grass and many broadleaf weeds, and can be combined with other special-purpose or broadleaf herbicides for additional control of specific problems, according to Walker.

Introducing plans for Conserve have not yet been announced by Elanco. However, the product is currently registered with the EPA. The Conserve Certifields will be av[illegible] for farmer inspection during this growing season.

MF mower, rake

(Continued from Page D9)

widths up to 11 feet, 10 inches and at a rate of up to eight acres per hour.

It features two individually hinged rotary style baskets and is constructed of heavy duty 11-gauge tubular steel.

The two baskets gently form soft fluffy windrows with a minimum of leaf loss. Basket rotation can be slowed to 180 rpm's without sacrificing raking speed or capacity.

In only a few minutes the MF 560 rotary rake can be converted from windrowing to tedding. The conversion is made by moving the simple rotary drive control and reversing the tine set-up.

To allow the operator to establish the desired raking or tedding pattern, tines, swath deflectors, basket position and rotation are all adjustable.

When windrowing with the MF 560, the crop is always moved sideways, making it well adapted for raking near fences, ditches or in windy conditions. When spreading or tedding, the rotors pass the crop between the baskets spreading it out the rear.

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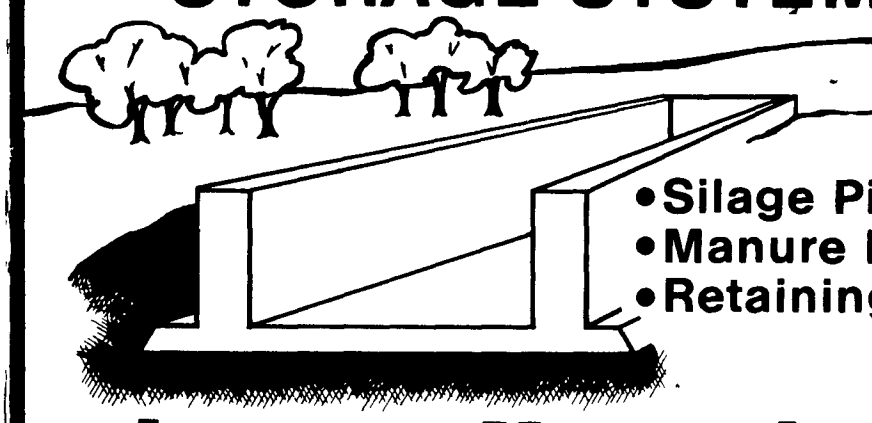

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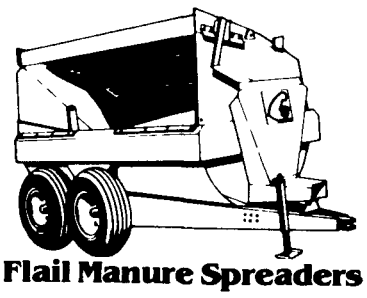

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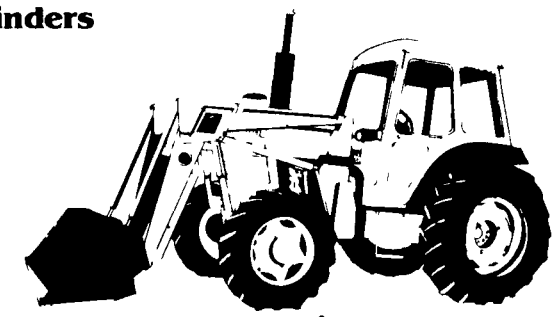

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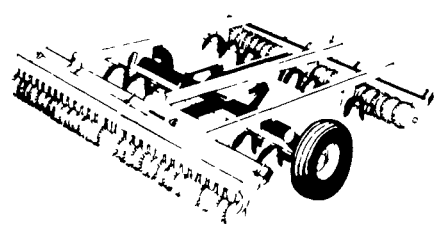

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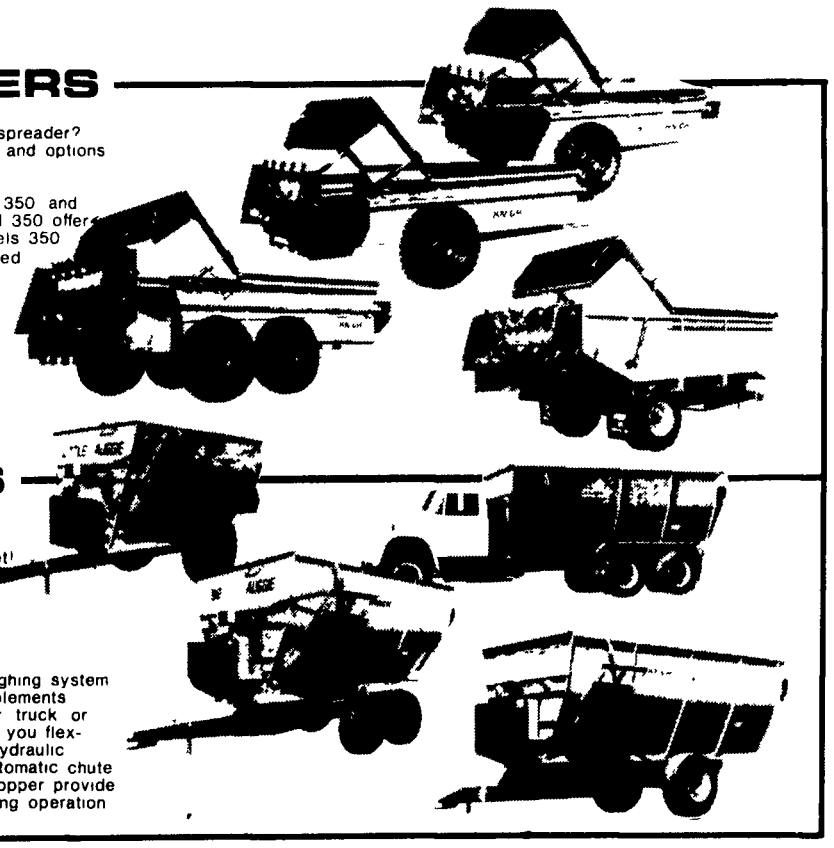

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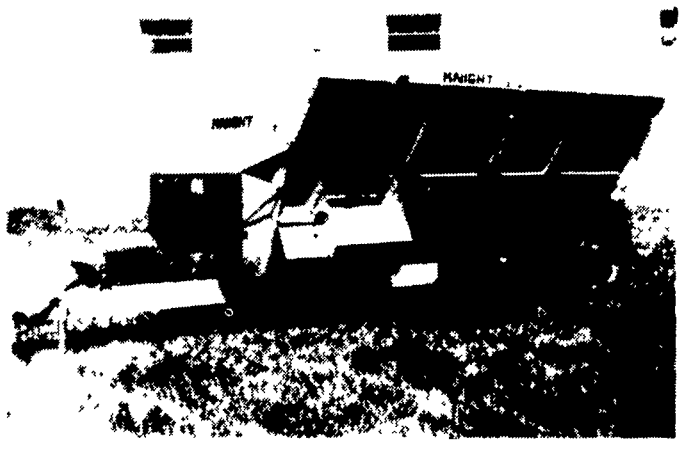

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Tedding interest renewed

VERNON, N.Y. — With its expanded line of Gyrotedders, Kuhn Farm Machinery Inc. sees increased farmer interest in tedding as a means for reducing drying time, beating the weather, and opportunity to store higher quality hay.

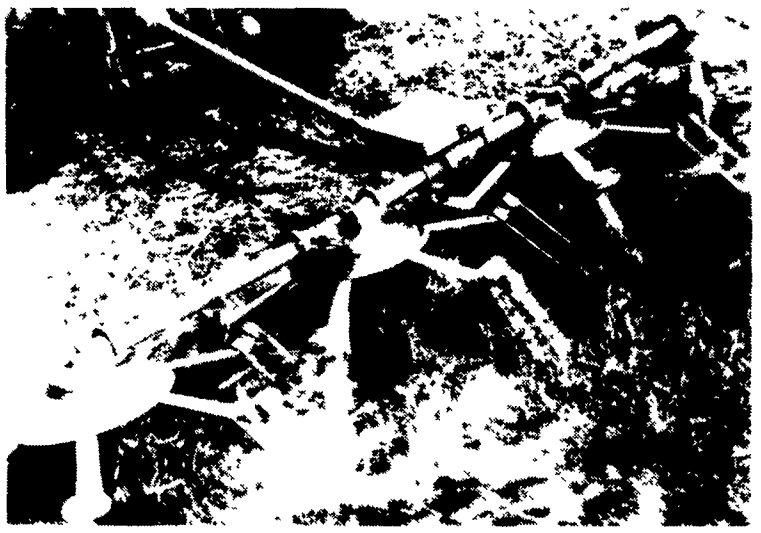
Sizes of Kuhn Gyrotedders range from 10 feet wide to 23½ feet in working position with a work rate of up to 17 acres per hour for the larger size units. In transport position even the largest models fold to a convenient 9½ feet wide.

All of the Kuhn models have large rotor discs so that each of the six tine arms per disc receive maximum support, even when working in the heaviest of crops. Hay is conditioned while passing between counter-rotating tines and ejected in a high trajectory to land in a light fluffy condition. An optional reduction gearbox is available when raking into nighttime windrows.

Support wheels are adjustable in height to offer various rotor angles to suit all types of crop density and grass length. Changing from working to transport position can be handled rapidly. Quick adjustment is also possible so that the Gyrotedder operates at an oblique angle to keep hay in the field while working along fences and hedgerows. The Gyrotedder works cleanly on uneven terrain and negotiates tight curves easily. The unit functions as a towed machine when working; and automatically locks into a central position when being transported.

Major warehousing for Kuhn parts and service exists in both the Northeast and Southwest while airlift facilities for fast replacement are also available.

Further information on the Gyrotedders line is available by contacting Kuhn Farm Machinery Inc., P.O. Box 224, Vernon, N.Y. 13476.



The Kuhn Gyrotedder provides farmers an opportunity to store higher quality hay because it conditions hay as well as tedding it to land in a light fluffy condition and thereby reducing drying time.

Boyke joins ABS

DE FOREST, Wisc. — Mark W. Boyke has joined the Genetic Mating Service staff at American Breeders Service, according to an announcement by Robert W. Benson, the firm's Director of Marketing.

In his new position, Boyke will work with GMS evaluators and ABS sales people in the field with regard to mating services and will assist in training schools and seminars.

Boyke, a Wisconsin native, was raised on a registered Holstein farm near Fond du Lac, Wisc. and graduated with a Dairy Science major from the University of Wisconsin-Madison. He joined ABS in 1982 as a GMS Evaluator and distinguished himself by ranking first in the nation in terms of total cows evaluated under the company's Genetic Mating Program, a year later.

Boyke is married to the former Debra Wendorf who serves as Director of In-State Promotions for the recently formed Wisconsin Milk Marketing Board.

Mark W. Boyke

Ray named PennAg speaker

EPHRATA — Oakley M. Ray, president of the American Feed Manufacturers Association, will be speaking at Penn Ag Industries Association's annual convention on Tuesday, Sept. 25, at the Host Farm, Lancaster.

Ray graduated from Purdue University and earned a M.S. in Agricultural Economics. He has served in various positions with AFMA for over ten years until he was elected president in 1972. He also serves as chairman of the Feed Industry Political Action Committee.

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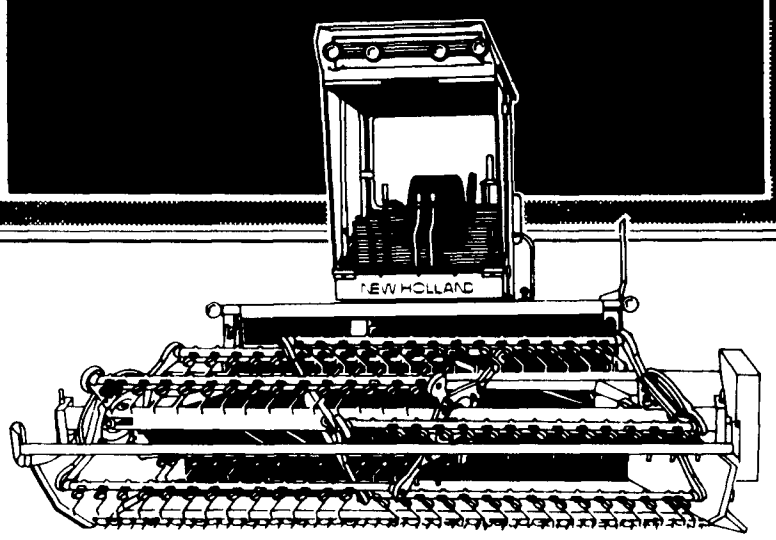

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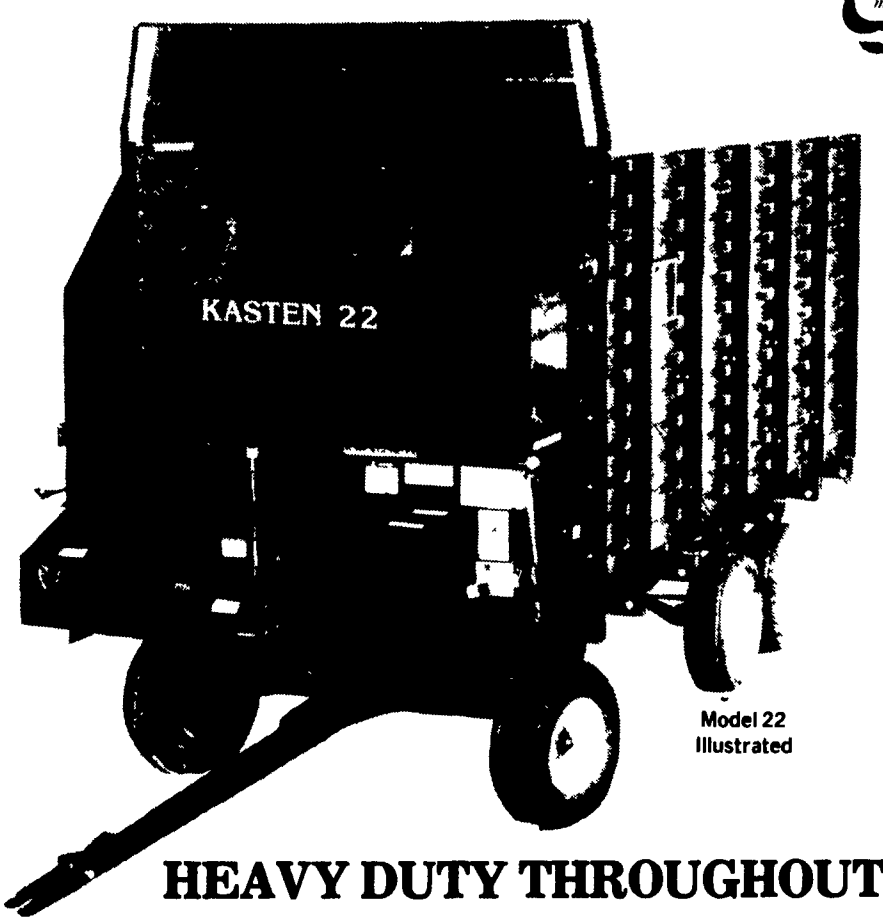

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High grain diet destroys thiamine

CHICAGO, Il — "Rumen fermentation of high-grain diets provides an apparent net synthesis of B vitamins, niacin, riboflavin and biotin, but results in a net destruction of thiamine," says Dr. Jay C. Meiske, professor of animal science, University of Minnesota.

Speaking to almost 600 scientists and feed industry representatives at the 32nd annual Pfizer Research Conference, Dr. Meiske described studies of dietary effects on B-vitamin metabolism in ruminants. "The studies attempted to quantify the effects of diet, dietary additives, such as antibiotics and ionophores, on net B-vitamin production in the rumen, and net absorption in the small and large intestines.

"The feeding of high-grain diets and resulting net destruction of thiamine, corroborates feedlot experience, where we often see incidence of polioencephalomalacia (PEM), a thiamine deficiency. This could be due to production of thiaminases or other vitamin antagonists."

Dr. Meiske theorized that environmental and managerial factors also might contribute to the problem. Because of genetic improvements related to weight gain and production, ruminant needs for B vitamins may have increased. "We're really pushing the animals," Dr. Meiske says. "If they are unable to synthesize sufficient B-complex vitamins, it may be necessary to supplement the high-excesses, and results in performance similar to that achieved with standard corn-soybean meal diets," he said.

Dr. David A. Roland, Sr., poultry nutrition professor, Auburn University, stated that the proper time to boost calcium supplements in pullet and hen changeover diets is one week before first egg production. "If egg producers wait until birds are laying, more calcium will be utilized in egg-shell production, birds will become calcium-deficient and then overconsume feed, a symptom of calcium deficiency. Excess feed consumption can cause increased body weight and liver fat, higher fat-pad weight, decreased shell quality and development of fatty liver hemorrhagic syndrome," Roland said.

Dr. Millard C. Calhoun, associate professor at the San Angelo Agricultural Experiment Station of Texas A&M University, described an innovative, intragastric, infusion technique which provides a better understanding of nitrogen metabolism in sheep. "The information developed from this procedure," he explained, "allows scientists to predict certain production situations, such as sheep responses to additional dietary protein, high rumen bypass protein, and/or rumen protected forms of specific amino acids.

Jay C. Meiske

For the past 32 years, the Pfizer Research Conference has been attended by several hundred nutritionists, feed manufacturers, government personnel, university scientists and others associated with the feed industry. The conference proceedings are a highly regarded synopsis of research information for industry and educational associations. Copies are available from Pfizer, Inc.

Hammond appointed

CARLISLE — Knisely's Agriculture Center, Inc. and Ralston Purina Co. are pleased to announce Guy Hammond as a staff addition.

He comes to Knisely's as a Farm Consultant and will cover Cumberland, York and Perry counties. As a large animal nutritionist, he has an Animal Science Degree from Carroll University, but will be concentrating primarily on dairy animals. His history of working on dairy farms as a herdsman and a Veternarian Assistant for many years with his stepfather gives him the knowledge of the dairy animal.

Hammond is presently residing at 729 Petersburg Road, Carlisle.

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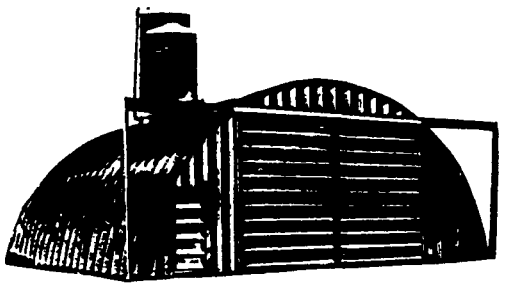

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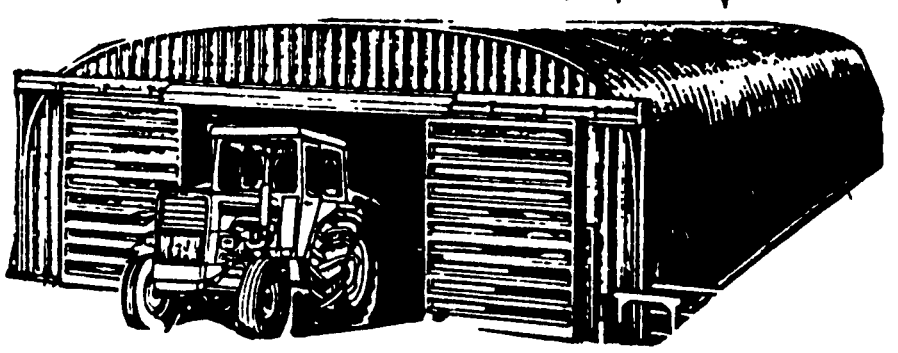

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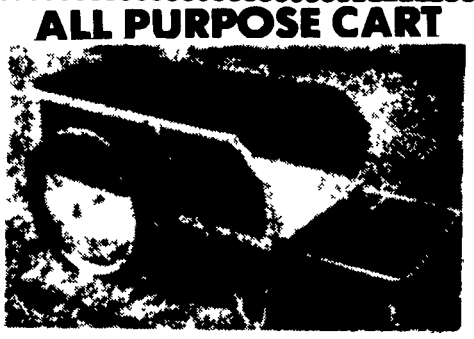

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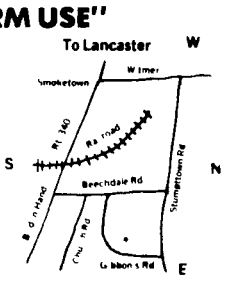

Residue influences herbicide selection

CHICAGO, Ill. — When selecting herbicides to use in minimum tillage corn, it's important to consider the effects of surface residue on herbicide performance and weed seed germination.

For example, in fields where heavy surface residue is needed to control erosion or conserve soil moisture, you may need to consider weed control options to replace preplant incorporated herbicides.

"If a grower incorporates herbicides in fields where he is trying to maintain approximately 40 to 50 percent or more residue cover, he runs a good risk of having weed control problems," says Dr. Mike Owen, Iowa State University weed scientist.

Under these conditions, you do have the option of using preemergence applications of soil applied herbicides, he says. However, even some of the preemergence herbicides will require incorporation when there isn't enough rainfall to move them into the soil.

Postemergence application

Postemergence herbicide applications are another option to control broadleaf weeds in conservation tillage corn.

"You would want to use a postemergence treatment either as a planned application," Dr. Owen says, "or as a rescue treatment if sufficient rainfall didn't occur to activate your soil applied herbicides."

Dr. Owen recommends that growers plan ahead if using a postemergence treatment. By being aware of this option, you can be prepared from a herbicide selection and rate standpoint, and a weed species stand point, to make a timely application. Many of these treatments should be applied early for more effective weed control and to insure crop safety.

Banvel herbicide is frequently used as an early postemergence treatment on minimum tillage corn because it is very water soluble and isn't tied up by heavy surface residue. When applied at one pint per acre as an overlay to grass control herbicides when the corn is at the spike-to-five inch stage, Banvel provides broadleaf weed control until the corn canopies. Yet it doesn't carryover to succeeding crops as is often the case with post-applied triazine herbicides.

Higher rate option

Dr. Owen and other weed scientists suggest applying higher rates of preemergence herbicides, than you usually use in conventional tillage, depending on the amount of residue cover and weed populations. Higher rates are a hedge against uneven herbicide distribution, he explains, because crop debris can prevent movement of some of the herbicide into the soil underneath the residue.

"If a grower is planting into last year's corn stalks and is managing for a significant amount of surface residue, then it might be a good idea to use full labeled rates," says Dr. George Kapusta, Professor of Weed Control at Southern Illinois University. When planting corn into soybean stubble, he says it is not necessary to apply higher herbicide rates.

Weed Size

In minimum tillage, it's more difficult to time herbicide applications with respect to weed size, Dr. Owen says, because surface residue may result in weed seeds germinating over a longer period; the heavier the residue cover, the longer the period of germination. Therefore, it's important to select herbicides which can control various sizes of weeds, he says.

There is also a potential for higher populations of weeds when first starting a reduced tillage system, Dr. Owen points out, because shallower tillage leaves more weed seeds in a zone which is appropriate for germination.

"If you do an effective job of controlling those weeds there's a possibility of reducing the soil weed seed reserve, because theoretically a greater percentage of them will germinate every year," Dr. Owen says.

To control weeds successfully in conservation tillage means becoming a better herbicide manager, he adds. At first, you may need to spend more on herbicides until you learn which products, rates and application methods work best under your conditions.

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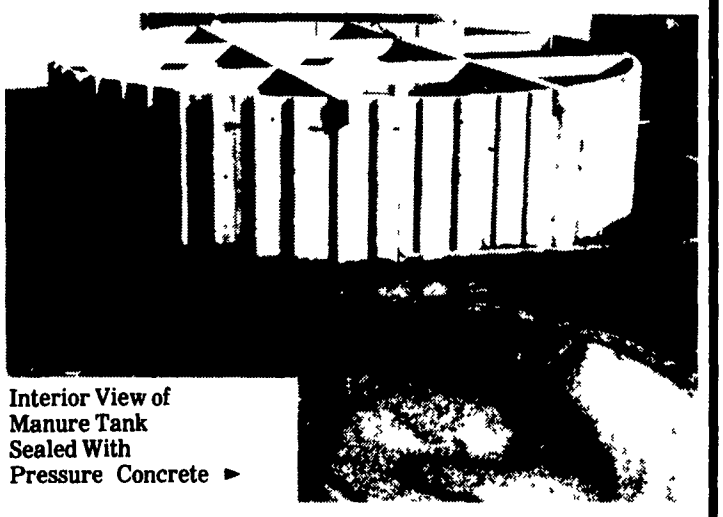

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The Dairy Business

By Newton Bair

PERSPECTIVE ON DAIRYING

It's always good to stand back and take a look at your work from a new and different angle. That is, as long as you are not standing on the edge of an abyss where taking another step would be disasterous!

The magnitude and size of our own day-to-day problems blots out much of the big picture, so we overlook much of what can be truly important to the future of our business. It isn't easy to observe and react properly to the many pressures and tensions of a world that seems to be outside our influence. After all, my reasoning goes, I'm only one of about 3 million who have the same problems, so I'd better cope with my own and let someone else deal with the big picture. True, but it goes much deeper than that.

THE BUCK STARTS WITH YOU

Wherever the buck stops, and whoever has to deal with the grossest problems of the dairy industry, justremember:hat it had to start somewhere too. Blame the "Government", Consumers, Co-ops or the weather if you will, but eventually it is you the dairyman who holds the key. Congress may eventually "stop the buck" by spending, stashing or squandering, but it is one of your creations and since it starts with you, only you can control it.

Now, if you have managed to read through that philosophical gobbeldygook, you have realized that I'm trying to tell you that maybe, just maybe, YOU can brighten the entire future of dairying. Where does your weight, as a member of a small minority, start to be felt?

HOW YOU CAN RULE THE INDUSTRY

Resolve that from now on, since you are a part of the problem of Too Much, you also must be part of the solution. It is a fine line that separates an over-supply of milk from a deficit, but the impact on price and profit increases dramatically as you move farther away from that thin line. To keep and maintain the supply of milk as close as possible to the sales of milk products requires the diligence of every individual who produces it. If you don't watch it, someone in Washington will have to, whether we like it or not.

Right now dairymen have their greatest opportunity in history to observe the trends and decide how to hold the line on surplusses. The Dairy Opportunity program has shown those who are trying to reduce production that there are numerous ways to swing the pendulum in your favor. Look at some of the more profitable ones.

WHAT YOU CAN LEARN FROM THE D O PROGRAM

Culling every cow with a production potential below the median herd average is the first step. This immediately provides several opportunities for increased efficiency and higher profit. Savings in labor, expensive feed and borrowed capital are the first to be felt. And, these savings are much greater as the production of a mature cow falls below 15000 lbs. of milk, with the exception of the higher test breeds. For Guernseys and Jerseys we should probably cull anything with a potential below 13000 pounds. Within another year or two we can revise that upward by another 1000 lbs. per year.

Many dairymen on the D O program have reduced their feeding of the more expensive grain and protein products, and substituted for this by feeding more high quality forages. It has been shown and proven many times that consistantly high production at lowest cost can be maintained by feeding only **high quality** alfalfa-grass silage, corn silage, pasture and hay. There are many arguments and exceptions to this that are raised by good dairymen, but the lesson to be learned is that the basis of efficient production is found in good forage and not in high priced grains. I am not discounting or playing down the importance of good nutritional balance for cows. Balance is essential, but even more important for the long pull is efficient and low cost production. Feed grain in a concentrate to balance nutrition, with good forage as the primary ration.

And don't overlook the benefits everyone will gain by increased efforts in promotion of sales. Yes, it is your responsibility and you will be the one to profit from the investment. Don't begrudge the few cents invested in advertising and development of new markets for your products. The key that you hold in all of this is **cooperation** with your fellow dairymen, not competition to see who will bankrupt his neighbor.

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Closer look taken at EDB risks

NEWARK, Del. — Since the U.S. Environmental Protection Agency's February 3 announcement restricting the agricultural use of EDB, there has been understandable public concern over the potential hazards associated with this material. Just what is this chemical, what does it do, how dangerous is it, and how much is the average consumer exposed to?

According to University of Delaware extension entomologist Mark Graustein, current concern over EDB focuses on two issues — the chemical's high solubility in water and potential for leaching into groundwater, and the possible effects of repeated exposure to low levels of EDB such as residues in goods.

Ethylene dibromide (EDB) is a volatile liquid chemical that has several uses. About 92 percent (260 million pounds) of the EDB used annually in the United States goes into gasoline as an additive to inhibit lead deposits in engines burning leaded fuel.

Only about 8 percent of the EDB produced in this country is used for agricultural purposes. In its gaseous state, the chemical kills insects and nematodes, making it an effective fumigant. Until the recent EPA regulatory actions, EDB was used primarily as a grain fumigant for insect control and as a soil fumigant for nematode control. A very small amount was used to control insects on citrus and tropical fruit, logs, and to control termites in buildings. It also has been used to protect beehives from wax moths. This was the only EDB use in Delaware last year, Graustein says, and many beekeepers have already switched to alternative controls.

Though related to methyl bromide, another halogenated hydrocarbon and commonly used soil fumigant, EDB is more toxic to humans. Concentrations greater than 200 parts per million (ppm) can cause acute toxicity symptoms such as lung irritation as well as liver and kidney injury. "Fortunately, human exposure to high levels of EDB is very unlikely," Graustein says, "because its strong chlorofoam-like odor can be detected at about 25 ppm. However, we have all likely been exposed to very low levels of EDB in grain products because of its long history of use."

The EPA banned all uses of EDB as a soil fumigant on September 30, 1983, after discovering that the highly soluble chemical had leached into groundwater in some parts of Florida. "There is absolutely no chance of groundwater contamination by EDB in Delaware," the specialist says, "since it has not been used here to fumigate soil."

The chronic toxicity of EDB is another major concern. "For years, it was assumed that because of its volatility there were extremely low or no EDB residues on foods," Graustein says. "Also, until recently, the standard analytical equipment used to detect pesticide residues could not detect levels less than a few parts per million. Now that such equipment can detect residues below one part per billion (ppb) we find EDB residues to exist in and on certain food products."

The federal Food and Drug Administration (FDA) has found residues in raw grain and grain products ranging from 1 to 30,700 ppb and in flour residues from 2 to 8 ppb. Massachusetts has reported residues of up to 169 ppb in cake mixes. Florida has found up to 755 ppb in certain intermediate (to be cooked) products.

As a result, on February 3, the EPA suspended all EDB use on grain. The agency also recommended limiting residue levels to no more than 900 ppb in raw grain, 150 ppb for grain products to be cooked before consumption, and 30 ppb for ready-to-eat products. Because EDB dissipates over time, the EPA also recommended that recently treated grain (that is, grain treated just before the emergency suspension) be stored for at least 90 days before its use in food products.

One reassuring note for consumers is the fact that cooking destroys most EDB residues. The Grocery Manufacturers of America, Inc. (GMA) reports that residues in wheat products are reduced by 78 to 99 percent during cooking. For example, EDB residues of 13 ppb in a flour mix were reduced to 3.8 ppb when baked into bread. Another flour mix with 10.8 ppb EDB had only 1 ppb after baking. Cooked corn products lose even more EDB — between 94 and 99 percent. For example, the GMA reports that a hushpuppy mix containing 595 ppb before baking had only 1.2 ppb of EDB afterward.

The FDA is monitoring imported citrus fruits for EDB, and shipments which exceed established limits cannot enter the country. No detectable levels have been found in imported citrus juices and concentrates. Pineapples from Hawaii and bananas from several Latin America countries have also been residue free.

Though use of EDB to fumigate fruit in the U.S. has dwindled to almost nothing, the chemical can still be used until September 1, 1984. However, the EPA has set in interim tolerance of 30 ppb for edible parts of all citrus fruits and papayas. So far, says Graustein, the agency has taken no action to restrict the very minor uses of EDB for fumigating structures, logs and beehives

Ethylene dibromide has an acute oral toxicity of 146 milligrams per kilogram of body weight, and an acute vapor toxicity of 200 ppm. The oral toxicity is about the same

(Turn to Page D17)

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Heydt named Holstein editor

STATE COLLEGE — Douglas Heydt has been named editor of the Pennsylvania Holstein News, effective May 29.

Heydt is from the Clemson, S.C. Extension Service where he worked with the state 4-H program, conducted training workshops for youth in dairy judging and showing, and wrote the monthly and quarterly newsletters among many responsibilities. Prior to that he was senior animal technician at the University of Minnesota 90 cow Holstein research herd.

He was raised on his parents' Hy-Hope registered Holstein farm in Minnesota where, as herdsman for 150 herd, he was involved in herd health, feeding, breeding, and assisted in the 360 acre farming operation and crop production. He also worked for a time as assistant herdsman for a dairy in Chandler, Az.

He is a graduate of the University of Minnesota, where he majored in agricultural education with his minor in animal science. During his college years, Doug was active in the Gopher Dairy Club, Block and Bridle Club and was a member of the University's dairy cattle judging team.

The Pennsylvania Holstein News, official publication of the Pennsylvania Holstein Association, is published monthly in Sandy Creek, N.Y. by Holstein-Friesian World, Inc.

E D B risks

(Continued from Page D16)

as phenobarbital and only about 75 mg/kg less than caffeine. EDB is a severe skin irritant and can be absorbed through the skin. The threshold limit value of EDB vapors is 25 ppm. This was considered to be the maximum safe limit for the concentration of the chemical in the air.

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If the residue limits recommended by the EPA are observed, Graustein concludes, the risk of developing cancer from eating foods containing EDB residues is extremely low, especially after cooking. "There's no such thing as zero risk. But we can minimize risk by accepting reasonable residue levels which have been determined safe in valid scientific tests."

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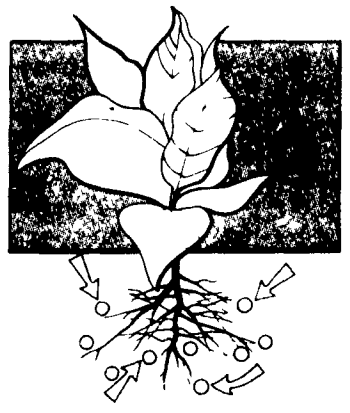

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Upper Susquehanna DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

MONTOUR, NORTHUMBERLAND, SNYDER AND UNION COUNTY DHIA

ROLLING HERD AVERAGE ABOVE 650 LBS. FAT

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS. MILK	LBS. FAT
Montour					
C R Slater&Son	RH	34 4	87 9	20,559	757
PA Dept of Agric	R&GrH	112 7	84 8	18,262	707
Clifford A LeVan	RH	19 9	86 4	16,726	677
Earl W Harris	RH	57 3	84 8	19,026	677
Mar-Ja Farms	RH	142 6	89 7	16,328	656
Lundy Brothers	RH	37 1	84 8	17,184	655
Northumberland					
Truckenmiller Fms	R&GrH	61 7	86 9	18,766	712
Irvin Reynolds	R&GrH	86 2	84 6	20,785	*711
Fred&Tom Strouse	R&GrH	59 5	87 3	17,420	667
RMD Shultz Farms	R&GrH	73 3	89 3	18,943	663
Shoch Manor Farms	R&GrH	127 0	87 5	17,506	659
Snyder					
Rand A Hoffman	R&GrH	30 7	84 2	21,530	775
HL Narehood&Sons	R&GrH	57 2	89 8	18,544	738
Robt Ulmer&Sons	R&GrH	66 4	87 8	19,151	707
Elmer&Dav Apple	R&GrH	58 1	90 2	17,817	704
Glen&Barb Carper	R&GrH	55 7	86 5	18,531	700
Harold S Hassinger	RH	42 5	85 5	17,136	686
W Paul Womer	R&GrH	33 7	87 8	18,458	677
Jesse J Yoder	R&GrH	64 0	90 2	18,598	672
Urie&Dan Yoder	RH	51 9	85 5	17,409	660
Jos&Grace Blank	R&GrH	43 7	86 5	17,798	659
Fisherdale Farm	R&GrH	70 8	91 6	17,353	655
Union					
Clarence W Beiler	RH	63 2	88 3	19,598	776
John F Stoltzfus	R&GrH	49 3	89 4	20,836	756
Locust-Row-Farm	R&GrH	48 4	90 8	18,986	727
Amos J Zook	R&GrH	50 8	85 0	18,662	699
Ben S Yoder	R&GrH	38 8	84 9	18,994	699
Elam Beiler	RH	41 4	92 9	16,956	697
Wood Ann Farm Inc	R&GrH	31 5	88 8	18,174	*684
Jacob S Stoltzfus	RH	48 1	84 1	18,812	683
Jonas R Zeiset	R&GrH	41 4	90 1	19,668	676
Eugene Spangler	R&GrH	78 0	89 4	16,896	671
Mifflin Hills Farm	RH	54 5	85 8	18,815	657
Hemlock Meadow Fm	R&GrH	50 7	88 4	17,114	652

LACTATIONS FINISHED OVER 750 LBS BUTTERFAT

OWNER NAME OR NO.	AGE	DAYS IN MILK	LBS MILK	% FAT	LBS. FAT
Montour					
PA Dept of Agriculture					
272	4 10	305	22,435	4 0	907
277	3 6	305	19,690	4 1	811
P 677	6 3	305	20,630	4 1	838
Mar Ja Farm					
June	2-5	305	15,692	4 9	765
Carl R Slater&Son					
Jackie	8-1	305	30,436	3 2	988
Joy-37	5-4	305	24,622	3 2	796
Susie	4-4	305	18,909	3 8	727
Northumberland					
Truckenmiller Farms					
62	3 9	305	21,555	3 7	805
Ernest L Wolfe					
Streaker	5 5	305	19,379	4 4	846
Ernest Klinger					
22	4-6	305	26,261	3 5	921
Irvin Reynolds					
40	5-7	305	20,002	3 9	785
Oscar J Baumert Jr					
128	5-6	305	22,000	3 4	753
Harold Klock&Son					
Lilly	9-3	305	19,971	3 8	763

(Turn to Page D19)

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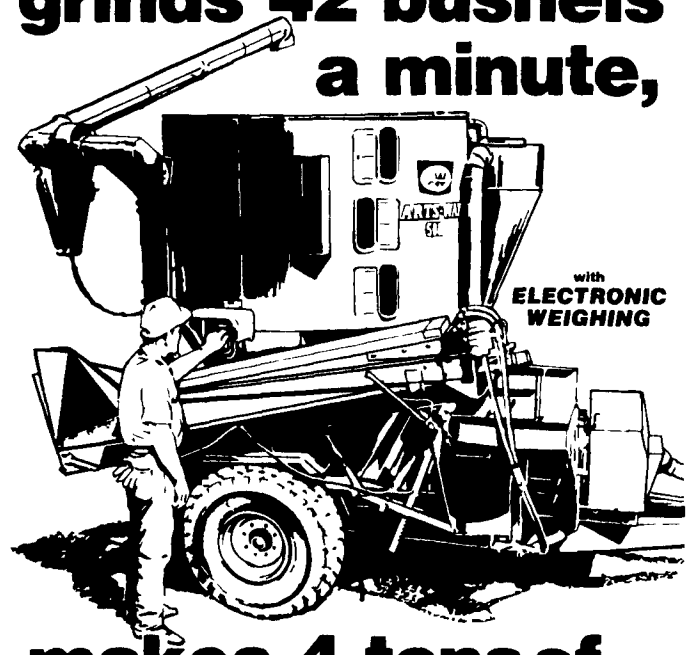

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Upper Susquehanna DHIA

(Continued from Page D18)

Snyder					
Fisherdale Farm					
Eugene44	3 8	305	18,239	4 3	776
Mabarbil Farms					
Tony	6 11	305	22,338	3 5	775
Leire Fry&Sons					
Jonquil	6-9	305	19,530	4 1	810
Kenneth Alderfer					
Fanny	3-9	305	22,754	3 4	778
Urie&Dan Yoder					
Pay	6-8	305	19,259	4 5	859
Harold S Hassinger					
159	5 1	305	22,308	4 6	1037
HL Narehood&Sons					
Vera13	6-7	305	20,055	4 6	924
Prince33	3 6	305	16,712	5 0	843
Shery38	3 0	305	17,190	4 4	754
Joseph&Grace Blank					
Martha20	6-3	305	22,684	3 5	785
Loulou9	6 3	299	20,951	3 8	789
Frudy6	3-10	305	20,580	3 8	786
Rosie1	3 8	305	22 954	3 8	874
Randolph A Hoffman					
Molymae	5 1	305	22,870	4 0	906
James M Hunsberger					
Blacky	7 6	305	19 040	4 4	844
Glenn&Barb Carper					
Jenny76	4 4	305	23 014	3 7	854
Robert Ulmer&Sons					
Mary	4 11	305	21 942	3 9	845
Michael&Deb Ewing					
Becky	7 1	305	18,066	4 2	763
Union					
Kenlew Farms					
Jonette	7 5	305	21 723	3 5	751
Locust Row Farm					
B160	4 1	305	23,513	3 4	805
B159	4-3	305	22,942	4 7	1086
Clarence W Beiler					
Rose	4 3	305	21,076	4 0	847
Spice	3 4	305	17 113	4 7	796
Amos J Zook					
Arla	3 4	305	20,344	3 8	773
Ben Martin					
30	4-7	305	21,281	3 6	769
Ben S Yoder					
Tidy	7 1	305	22,227	3 8	844
Jonas R Zeiset					
Bonus	4-3	305	25,575	3 2	807
Mark A Mapes					
67	5-10	305	21,469	4 3	933
Jacob S Stoltzfus					
Laura	5-7	305	23 594	3 5	817

Schuylkill County DHIA Monthly Report

March, 1984

Nineteen cows finished lactation records with 750 lbs milkfat in March The records are based on 305 days or less 2x actual production

Carl A Farms			
Florenc	6-9	21,416	986
Petal	2 3	22 307	939
John P Leatherman			
June	7 3	19 143	891
William R Daubert			
Linda	4 4	19,027	844
George Hinkle			
7WC	5-11	23,193	840
James Rodichok			
Cora	4-2	19,927	839
Brian Ruch			
Candy	4 5	21,467	834
Elam Stoltzfus			
4		19,306	820
Carl A Farms			
Olive	3-2	20,833	812
Paint	3-10	17,878	810
Paul & Ken Wagner			
Tessie	8-2	20,648	804
James Rodichok			
Dandy	4-5	19,271	803
Brian Ruch			
Elaine	4-10	17,622	799
Heisler Brothers			
Daisy	9 8	25,089	794
Carl A Farms			
Flicka	3 3	20,474	793
George Hinkle			
85GE	3-4	19,275	789
4WC	8-11	20,830	788
42WC	7	20,890	767
Snyder Brothers			
Miriam	3-4	21,400	766

SCHUYLKILL COUNTY DHIA
April, 1984

The following are reported from the production report for April 1984 based on a 365 day Rolling Herd Average Only those herds with an average production of 650 pounds or more of butterfat are reported

Carl A Farms	62 6	20,642	843
Paul & Ken Wagner	57 6	20,512	778
Miller & Rex Inc	35 1	19,281	736
Brian Ruch	28 9	18,897	733
Heisler Brothers	67 7	18,964	731
Suntrail Dairy Farm	45 7	19,148	722
James Rodichok	65 9	17,663	696
George Hinkle	74 6	18,196	691
Bruce Leatherman	77 1	18,003	690
Elam Z Stoltzfus	42 2	18,794	684
William R Daubert	104 0	15,480	669
Jere Gearhart	38 9	17,473	663
Snyder Brothers	73 6	18 365	663
Dawn F Rhein	61 5	13 575	650

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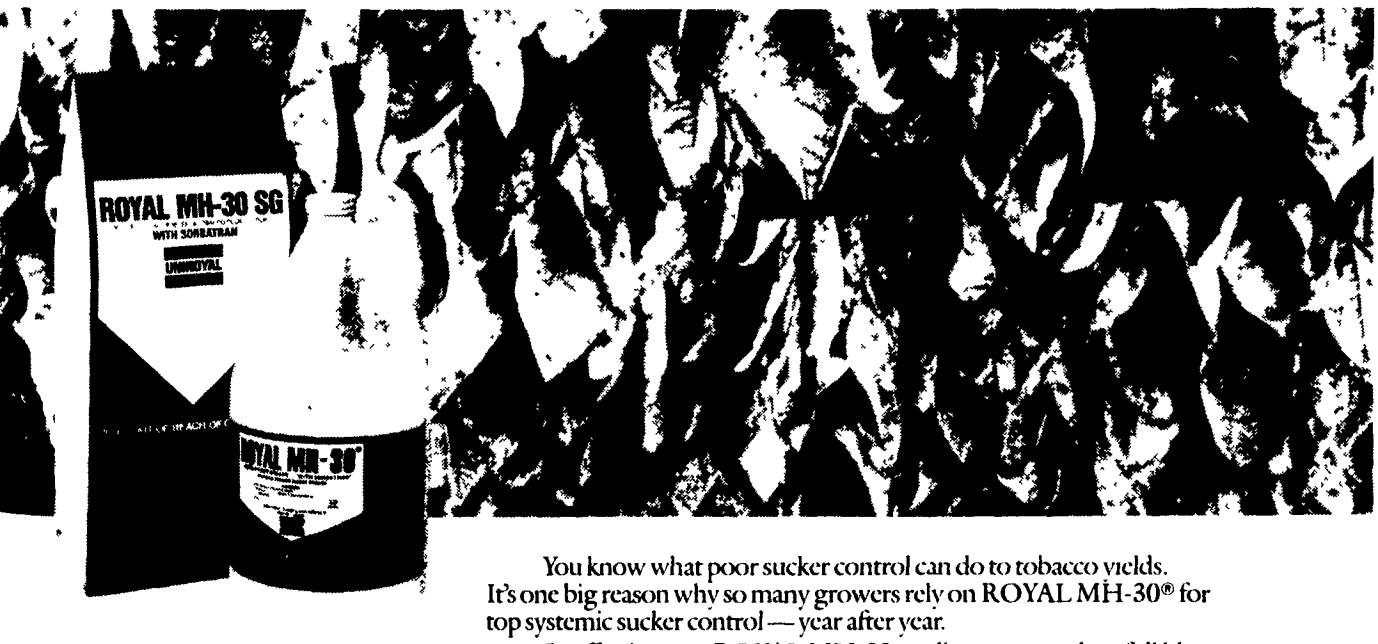

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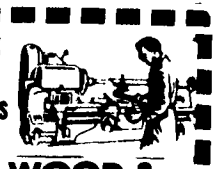

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Milk Shed preserves rich dairy past

BY JOYCE BUPP
Staff Correspondent

SHREWSBURY — When Mark Robinson picked up that first glass insulator from along the old railroad bed, he had no idea that it would lead him into a hobby and part-time profession.

Born in Colora, Md., Robinson had moved with his parents to the community of Pine Plains, N.Y. Walking along the old railroad bed nearby became a relaxing and interesting pastime for the teenager.

Other insulator finds began accumulating; and, as his interest grew, Robinson began digging through long-abandoned dumping areas in search of similar glass collectibles.

Before long, he had gathered an assortment of various bottles, antique advertising memorabilie, and "whatever else I could afford at auctions and flea markets."

"Then 'milks' caught my eye," says the young antique collector, surrounded by an assortment of finds in his shop, the Milk Shed. Located in the Factory Store center on East Forrest Street, the shop specializes in dairy antiques and collectibles.

Discovery of an old dump site for a nearby Borden's factory proved a real windfall, boosting the milk bottle section of Robinson's collection.

After moving back to south-central Pennsylvania, Robinson began attending the many antique-rich flea markets and sales offered in the area, constantly seeking out new and different dairy-related items.

Interestingly, Robinson, son of a minister, never grew up on a dairy farm.

"But I did grow up close to a lot of them," he explains, while pointing out items of special interest at the Milk Shed.

What now primarily catches Robinson's practiced bottle-evaluation eye are the more rare and hard-to-find dairy items, such as the green and ruby-red glass bottles that were used briefly by some dairies. Some embossed names and trademarks are also unusual, as are certain painted items.

"The Dairy Laboratory" reads the lettering on one pint bottle, which Robinson explains was used for milk testing purposes.

Special hospital bottles catch the interest of some collectors. Typical is one bottled for Johns Hopkins in Baltimore, by the Dunloggin dairy.

A bottle that currently is worth about $25 probably was well-loved by children of the era, since it is decorated with pa[illegible] Disney cartoon characters.

Keep those bottles quiet

Case of cream-top bottles is just a small part of Mark Robinson's collection of dairy bottles and "go-withs" displays at his dairy antique shop, The Milk Shed, in Shrewsbury.

In addition to the hundreds of glass milk bottles, ranging from tiny creamer-size to assorted large containers, The Milk Shed also displays an assortment of milk-related advertising items, and sometimes light-hearted "cow memorabilia."

For instance, a herd of all sizes of cow replicas peers from one shelf, including tiny plastic Guernseys, ceramic knick-knack styles in assorted colors and shapes, and cow-shaped creamers.

A stack of dozens of old ink blotters bears advertising for the Cranford Dairy, previously of Cranford, N.J. and reproductions of artwork by a former Lancastrian.

The whimsical children decorating the blotters are from the works of C. Twelvetrees, best know for postcard illustrations dated about 1919-1920.

Related dairy industry items range from milk stools, separators and a butter churn awaiting refinishing to kitchen items, milk bottle caps and ornately-shaped sundae glasses.

Robinson attends about 25 bottle shows annually and observes that there is a great deal of interest among the collecting public in dairy and related items.

"There is also still a lot of interesting stuff out there; you can still find bargains," is his opinion of the wealth of flea market and sales opportunities available to collectors.

"The Milk Route," newsletter of an eastern states dairy collectibles organization, keeps Robinson and

(Turn to Page D24)

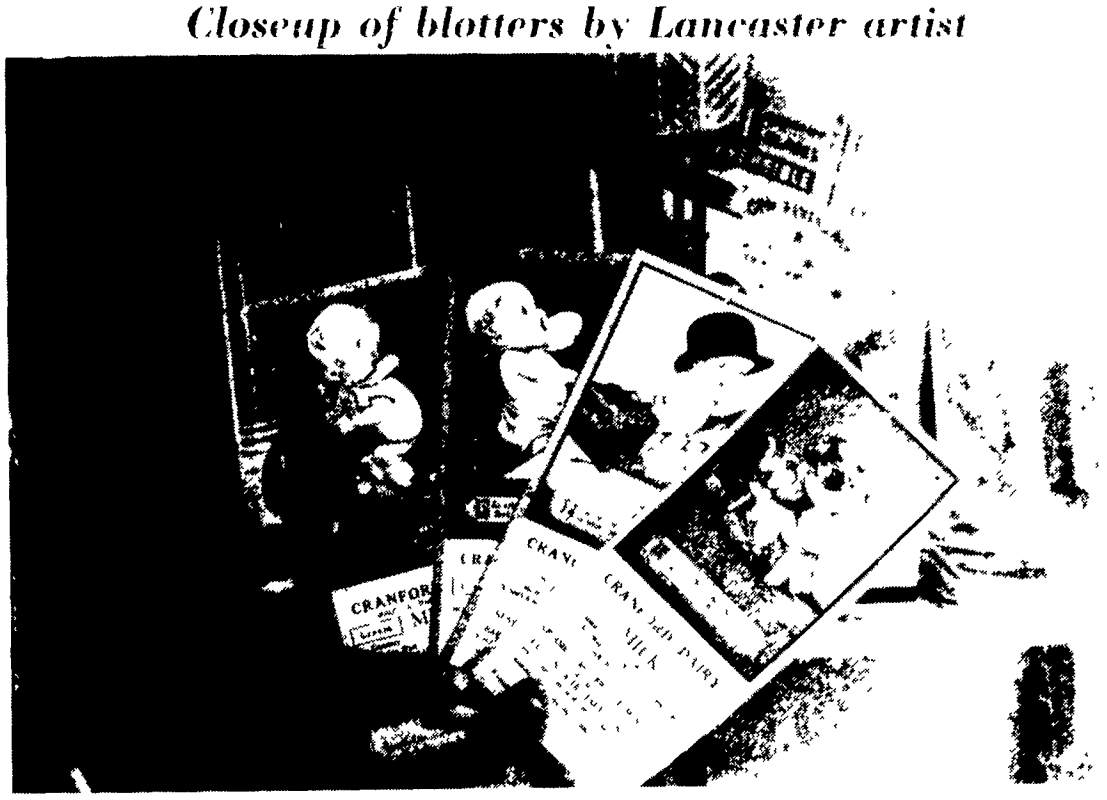
A strange mixed herd

This "Mixed Herd" is an ideal one — it doesn't need to be milked daily. The collectible cows — pedigrees unknown — come in plastic, wood and ceramic styles.

[illegible] advertising

Mark Robinson displays old dairy advertising blotters decorated with illustrations by Lancaster artist, C. Twelvetrees.

Closeup of blotters by Lancaster artist



Closeup shows detailing of old dairy advertising blotters illustrated by Lancaster artist, C. Twelvetrees.

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Computer program helps dairymen in DO plan

LEBANON — Dairymen who are enrolled in the Federal Governments' milk reduction program, commonly termed 'Dairy Opportunity Program', find that it is a real chore to adjust milk production and sales downward, and still stay within the tolerances allowed by their contract. Part of the problem is knowing just what the daily milk weights, or every-other-day tank weights must be to average out within the allowable monthly or quarterly weights.

A computer spreadsheet program has been developed to make the task of adjusting the milk flow a lot easier. It's utility is that it furnishes positive figures to work with that can easily be used on a daily, weekly, monthly or quarterly basis. It deals with the actual milk produced on a daily and tank-weight basis rather than with the negative reduction weights furnished by the Department of Agriculture. Those figures are difficult to work with, because it's hard to visualize 'reduction weights.'

After the Monthly or Quarterly A.S.C.S. Base figures are entered, and the Percentage contract reduction specified, the computer takes over and works out the actual weights of milk that can be marketed on a monthly, quarterly and total basis. The most practical aspect of the computer printout that follows is that it shows the allowable Contract tank weights based on every-other-day pickup. These can be checked at daily or weekly intervals and compared with the actual tank weights of the milk going to market.

Two columns of tank weight figures are shown. They show both the three percent maximum weights and the minimum weights allowed under that specific contract. If the actual tank weights average out somewhere within the minimum and maximum range, all is well, and the contract is properly honored and the dairyman can expect to be paid for the proportion of milk that has been taken out of production. If too much or too little is sold, adjustments can be made early enough to prevent penalties from over selling, or losses from underselling.

Automatic Adjustments

Adjustments to the third-through-fifth quarter allowable weights are automatically calculated, if there has been an overrun in the first or second quarter. This will be very important for the proper management of production from June, 1984 to April, 1985, in order to avoid penalties and to qualify for full payment from the Government.

The computer also furnishes other valuable management information. If the average daily milk per cow is furnished, the program will tell the producer approximately how many cows can be in the milking herd to maintain the required production. It also calculates a very close approxamation of the monthly income to be expected from actual milk sales as well as the payments from the Dairy Opportunity program.

The computer spreadsheet program was developed by retired Lebanon County Agent Newton Bair, Annville. It is available from him, at nominal cost, to all dairy farmers who are enrolled in the Government Dairy Reduction Program. With three of the five quarters still remaining, Bair believes that every Contractor-Dairyman can benefit from a single run of the program at this time.

The cost for one printout is $15.00. The user must furnish the monthly base figures for the herd for the ASCS base year, the contract percentage, average daily milk per cow (if known), and an estimated price to be received per hundredweight for milk. The last two items are optional, but if furnished, add to the value of the printout. If the production for the first and/or second quarters exceeded the contracted amounts, the actual production figures should be furnished, so that adjustments can be prorated over the remaining quarters of the contract period.

Sample Printout

DAIRY PROGRAM MANAGER--Please enter base data below

	Base # per.mo.	COLUMN G
JAN-----)	78959	
FEB-----)	67812	CONTRACT BASE %--) 27
MARCH---)	69141	AVE.DAILY PROD/COW 40
APRIL---)	69935	ACTUAL FIRST QUARTER PROD 210000
MAY-----)	76975	EXPECTED PRICE/cwt 12.5
JUNE----)	74869	
JULY----)	75707	(AFTER ENTERING DATA,RECALCULATE 4X)
AUGUST--)	69436	
SEPT----)	71527	
OCT-----)	76167	
NOV-----)	71783	
DEC-----)	70210	)))))))NO ENTRIES BELOW THIS LINE (((((((

CONFIDENTIAL INFORMATION FOR:

JOHN DOE,HERSHEY .PA

(With corrections for first quarter over-run

print 072 (Enter EST.Total Lbs.milkproduced CONTRACT% MILK
in firstquarter here)))))))))))))) 210000((((((((((27
(If less than E12,enter C12)

COLUMNS	B	C	D	E	COLUMNS--	G	H
WARNING''ENTER DATA ONLY IN ROWS		-LBS.MILK ALLOWED TO SELL-- CONTRACT% 27	MIN.3 % 30	MAX. 3% 24		MIN.WT/ PICKUP	MAX.WT./ PICKUP
----B3 TO B14 ABOVE --calculated data--------						.....	
JAN-----)	78959	57640	55271	60009		3566	3872
FEB-----)	67812	49503	47468	51537		3391	3681
MAR-----)	69141	50473	48399	52547		3122	3390
1ST QUART	215912	157616	151138	164093		3359	3648
ADJUSTMNT	268296	210000 = Actual 1st Quarter production					
FOR 1st Quarter		.3323541 = Percent over-run to prorate over remaining quarters					
Over-run TOTAL # =		45907 :$/MO.OVERRUN =		3826		MIN PICKUP	MAX PICKUP
APRIL---)	69935	47227	45129	49325		3009	3288
MAY-----)	76975	52366	50057	54675		3229	3527
JUNE----)	74869	50829	48583	53075		3134	3538
2ND QUART	221779	150422	143769	157075		3124	3451
			-3826			MIN.WT.	MAX.WT.
JULY----)	75707	51441	49169	53712		3172	3465
AUG-----)	69436	46863	44780	48946		2889	3158
SEPT----)	71527	48389	46243	50535		3083	3369
3RD QUART	216670	146692	140192	153192		3048	3331
		-3826					
OCT-----)	76167	51776	49491	54061		3193	3488
NOV-----)	71783	48576	46423	50730		3095	3382
DEC-----)	70210	47428	45321	49534		2924	3196
4TH QUART	218160	147780	141235	154325		3071	3355
				-3826		MIN.WT.	MAX.WT.
JAN 1985	78959	53814	51446	56183		3319	3625
FEB 1985	67812	45677	43643	47712		3117	3408
MAR 1985	69141	46647	44573	48722		2876	3143
5TH QUART	215912	146139	139662	152616		3104	3392
		-3826					
TOTALS	1088433	748649	715996	781302			

PRICE/CWT	AVE. LB.M ILK /COW	NOTES:
12.5	40	WRITE IN FIGURES T

DIVERSION-$ PAY--- GOVT.PAY AT% RED.	FOR MLK SOLD	TOTAL RECEIPTS	MAXIMUM--------- NO.COWS ACTUALLY MILKING	REAL MILK WEIGHTS SHOULDMATCH MAX
27		(MIN)		
2131.89	7205.01	9336.90		
1830.92	6187.85	8018.77		
1866.81	6309.12	8175.92		
5829.62	19701.97	25531.59	46	
Income 1st Q 26250.00 (actual sales)				
1888.25	5903.37	7791.62		
2078.33	6545.77	8624.10		
2021.46	6353.60	8375.06		
5988.03	18802.74	24790.78	43	
2044.09	6430.07	8474.16		
1874.77	5857.84	7732.61		
1931.23	6048.64	7979.87		
5850.09	18336.55	24186.64	42	
2056.51	6472.04	8528.55		
1938.14	6072.00	8010.14		
1895.67	5928.47	7824.14		
5890.32	18472.51	24362.83	42	
2131.89	6726.81	8858.71		
1830.92	5709.65	7540.57		
1866.81	5830.92	7697.73		
5829.62	18267.38	24097.00	42	
29387.69	100129.2	129516.9		

HOW TO USE THE MANAGEMENT DATA

1. After entering your data in the top part of the form--all subsequent data is calculated. Figures in column C represent the pounds of milk you are allowed to produce under your contract. Column D represents the pounds allowed with an additional 3% reduction (minimum pounds for which you can be paid). Column E represents the maximum pounds allowed with 3% under your contract. (allowed by the law)

2. Use the figures in columns G & H to guage every-other-day pickup weights. Your actual weight should fall between these two figures to stay within your contract. If any month is above the max.,you can lower production the next month of the quarter, to stay within your % reduction.

3. Maximum number of cows to milk is based on the average lbs. milk per cow per day. If that figure changes, the number of cows must be adjusted to maintain contract quota.

4. All figures for the 2nd thru 5th Quarters are adjusted for 1st quarter over-run,if applicable

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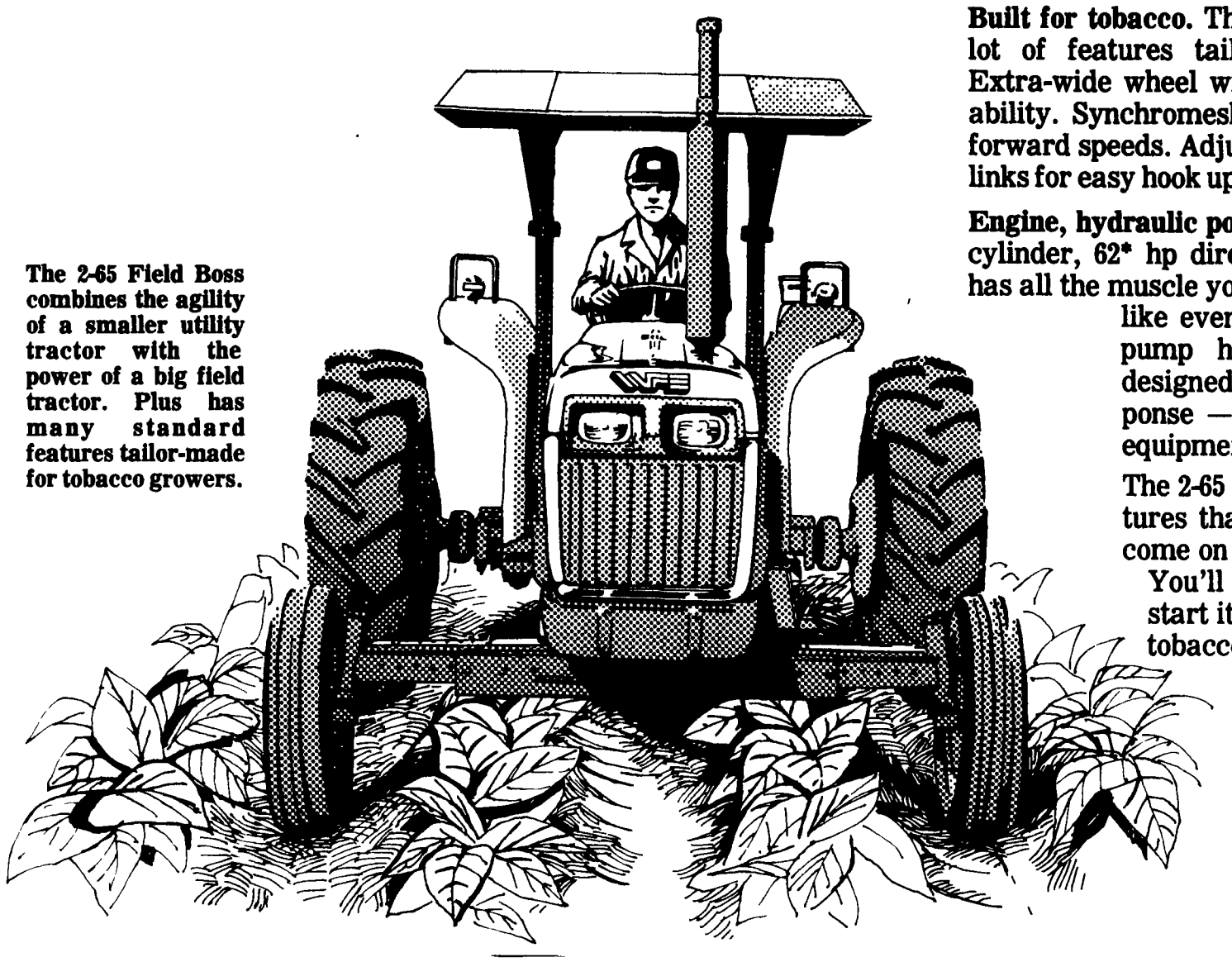

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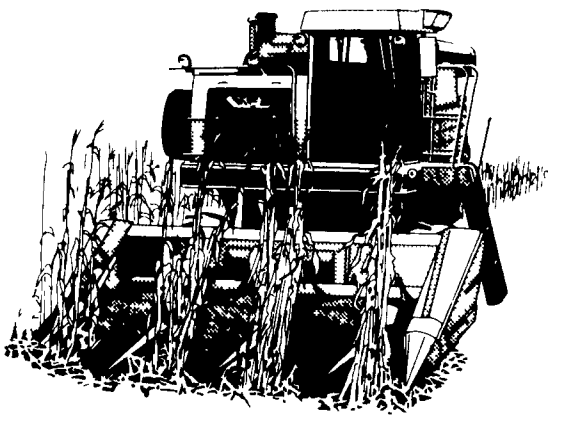

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Brockett's Ag Advice

By John E. Brockett
Farm Management Agent
Lewistown Extension Office

A Farm Manager's Job

A farm manager's job has never been easy. The hours are usually long and with the mixed up spring we've been having, those hours are even longer. Some people are trying to put 36 hours into every day. Risks are high and becoming higher. It used to be that some of the risk was borne by the lending, service, and supply people. Due to economic problems of their own, they have shifted much of the risk back to the farmer via interest rates, surcharges, and reduced periods of time for payments. The stress level on farm managers is high at all times, but during a spring like this it has gone even higher. Anyone who thinks that farm life is easy and casual today should think how they would feel with $30,000 of seed and fertilizer sitting in a shed doing nothing. Or that same amount in the ground with nothing coming up after two or three weeks. That's stress.

What Can You Do?

Farmers are often victims of circumstances over which they have little if any control. Things like political action (you can sympathize with the Olympic athletes to some degree), weather, the futures market speculators, adverse publicity for both over production and under production, competition with products from other coutries, and lack of quality control at the export level can all reduce farm profits. However there are things you can do to help yourself.

Be Prepared

When I was a Boy Scout many years ago the motto was "Be Prepared". That should be a farmers motto. Be prepared to take advantage of breaks in the weather. Have equipment ready to go - don't wait until the day is bright and sunny to change the oil in your tractor. Keep an eye on fields so you know how far along the hay is right now, whether insects are starting to work on it, whether a field is suitable for corn planting.

Plan Ahead

How much feed will you need for this next year? Which fields should be top dressed or sprayed right after first cutting is removed? What are your alternatives if you can't get 10 acres planted to the corn variety you have on hand? Can you use 10 acres of sorghum-sudan or put in an earlier corn or go to soybeans. If you were going to plow up a hay field for corn, is there enough hay on it so that you could wait a year before plowing it.

Keep Records

Farmers who keep usuable records then use them are always ahead of those who don't. Crop and field records can help you make some of those very valuable decisions such as insect control or fertilizer amounts especially if your budget won't stretch to allow you to go 100 percent with soil test results. Dairy and livestock records are invaluable for culling and economical feeding decisions. Some dairymen who use records carefully for culling purposes can increase milk sold and reduce feed costs. Financial records are too often kept solely for tax purposes. That is a waste of an extremely valuable resource. How many of you would allow your best 40 acres to lay idle every year? or shoot your best two year old cow? Yet those of you who do not keep and use financial records for other than tax purposes are committing just as great of an atrocity.

Change

There is nothing wrong in changing your mind or your direction or your decisions if you have a valid reason. Too many farmers become "bull headed" about change. Decisions that were "right" last year may be wrong or only partially right this year. Perhaps less corn more hay would be a good solution to the rather erratic spring we've had so far in 1984. Give it some thought.

Reduce Stress

Consider this: To survive thru the 1980's, you need the Courage to change those things you can change, the Serenity to accept those things you can not change, and the Wisdom to recognize the difference.

MILK MARKET NEWS

Farmers to receive $12.36 for April milk

NEW YORK, N.Y. — Dairy farmers who supplied milk plants regulated under the New York-New Jersey marketing orders during April 1984 will be paid on the basis of a uniform price of $12.36 per hundredweight (26.6 cents per quart).

Market Administrator Thomas A. Wilson also stated that the price was $12.55 in March 1984 and $12.85 in April 1983. The uniform price is a marketwide weighted average of the value of farm milk used for fluid and manufactured dairy products.

The seasonal incentive fund removed 30 cents per hundredweight from the dairy farmers' uniform price for April, a total of $2,983,436.29. Deductions will continue through June and will be returned in the August through November uniform price calculations.

A total of 16,901 dairy farmers supplied the New York-New Jersey Milk Marketing Area with 994,478,762 pounds of milk during April 1984. This was a decrease of 1.9 percent (about 20 million pounds) from last year. The gross value to dairy farmers for milk deliveries was $126,027,570.79. This included differentials required to be paid to dairy farmers but not voluntary premiums or deductions authorized by the farmer.

Regulated milk dealers (handlers) used 360,911,807 pounds of milk for Class I, 36.3 percent of the total. This milk is used for fluid milk products such as homogenized, flavored, low test and skim milks. For April 1984, handlers paid $14.31 per hundredweight (30.8 cents per quart) for Class I milk compared with $14.84 a year ago.

The balance (633,566,955 pounds or 63.7 percent) was used to manufacture Class II products including butter, cheese, ice cream and yogurt. Handlers paid $11.98 per hundredweight for this milk.

The uniform price is based on milk containing 3.5 percent butterfat. For April 1984, there was a price differential of 16.4 cents for each one-tenth of one percent that the milk tested above or below the 3.5 percent standard.

All prices quoted are for bulk tank milk received within the 201-210 mile zone from New York City.

New lab reported

CROYDON — Miller Analytical Services announces its new soil and plant tissue analysis laboratory. Complete testing services catering to the agricultural, horticultural, and landscaping business are offered. Samples from the home gardener to the large grower are quickly and accurately analyzed.

For further information write: Miller Analytical Services, P.O. Box 57, Croydon, PA 19020 - 0907.

Milk shed

(Continued from Page D20)

fellow hobbyists in touch with one another and abreast of current finds, prices and events.

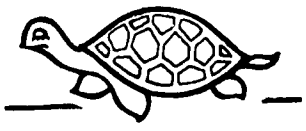
Through that publication, advertising in hobby-trade magazines, a ten-times-yearly mailing to his customers, and of course his Shrewsbury shop, Robinson constantly changes his inventory through purchases, sales and trades.

For bottle collectors like Robinson and his fellow members of the Baltimore Antique Bottle Club, the "Milk Route" annually sponsors a national convention of dairy related collectors.

Held in June at Ballston Spa, N.Y. that convention coincides with the annual opening of the National Bottle Museum, at the Verbeck House, Church Avenue, in Ballston.

To anyone interested in learning more about the history of the dairy industry Robinson recommends reading "The Dairy Industry In America," a rather large volume by Ralph Selitzer, and published by Dairy and Ice Cream, Field Books for Industry.

DON'T BE SLOW



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Farm Talk

by
Jerry Webb
Delaware Extension

The recent dip in U.S. farmland prices is causing some renewed interest by foreigners in buying U.S. farmland. Not that there is any great rush. There never has been and the easing of land prices although undoubltedly temporary won't make rural America a Mecca for foreign investors.

Thw most recent data I've seen still indicates that foreigners own less than one percent of our total land area. But in some places notably the south, the concentration is much higher. Alabama, Florida, Georgia, North Carolina, South Carolina, Tennessee and Texas account for about one-third of all foreign owned acreages. And in some counties in those states the foreign influence is quite noticeable.

How do the neighbors feel when a foreigner moves in and starts tilling American acres? Progressive Farmer magazine asked some farmers how they felt about foreign neighbors. Some say it's OK.

Others are not so sure. While a lot of foreign owned farmland is held by absentee owners, some are actually living on the land. Pierre Brueder, a Frenchman who owns a farm in Terrell County, Georgia, may be typical of those foreigners squeezed out of their own country by high land prices and lack of opportunity. Brueder says he doesn't like the politics in his country. He thinks a lot more Frenchmen would like to farm in the United States.

Adolph Scherer, a German citizen, bought a spread in Delta County, Texas, much to the chagrin of his U.S. neighbors. Most would have preferred having the land belong to an American farmer. But over time Scherer has won most of them over by being a good farmer and a good neighbor.

Many of the foreign buyers of U.S. farmland are not unlike some U.S. farmers who have sold out in highly urbanized areas and moved to the boondocks so to speak to get away from the big city pressures. In somewhat the same way, Brueder and Scherer and others like them have done the same thing. They've moved away from a highly restrictive, politically troubled agriculture to the wide open spaces of America where they feel the farming opportunities are better. As a farmer tilling the land in Nebraska or Arkansas or even on the Delmarva peninsula what difference does it make who owns the next farm as long as it's a good neighbor. Who's to say that a displaced farmer from New Castle County, Delaware, would be any better or any worse than one from Germany or France. It really gets down to the people involved rather than the concept. You don't have to go back many generations to find a lot of foreigners tilling American soil. In fact most of America's vast farming acres were first plowed by foreigners. And who's to say Brueder and Scherer and others like them won't become U.S. citizens some day and won't be a valuable part of their rural communities.

Many states restrict foreign ownership of farmland. Some farmers would rule it out altogether. The concept of a wealthy Arab or some kind of European nobility buying up huge tracts of land bothers them. But the strength of the U.S. dollar and the end of the land boom has quieted much of that activity. The experts really don't expect a continuance of the relatively milk foreign involvement of the mid to late '70s. It's more likely to be a few foreign farmers settling here and there around the country as their finances and desires dictate. And given a generation or two, I expect those so-called foreigners will be as American as any of the rest of us.

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Lancaster County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

April, 1984

A Registered Holstein cow owned by Richard N Sauder, R 1, Reinholds, completed the highest 305 day lactation Milly produced 22,325 lbs of milk, 1,053 lbs of butterfat with a 4 7% test Second high lactation was completed by a Registered Holstein owned by Galen W Crouse, R 1, Stevens Shawn produced 24,684 lbs of milk, 966 lbs of butterfat with a 4 0% test in 305 days

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OWNER NAME OR NUMBER	BRD	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Richard N Sauder						
Milly	RH	5-8	305	22,325	4 7	1053
Galen W Crouse						
Shawn	RH	4-10	305	24,684	4 0	996
Ruthann	RH	4-6	305	22,621	3 8	859
Rhelda	RH	5-0	305	16,893	5 0	846
Sego	RH	2-4	305	16,137	4 9	792
Kelley	RH	2-10	305	17,751	4 3	766
Annette	RH	3-9	305	19,429	3 9	751
Allen Lee Stoltzfus						
Beverly	RH	2-11	305	23,603	4 2	994
Anabell	RH	8-8	305	22,623	3 3	755
John S Wenger						
53 Tiger	RH	5-6	305	18,187	5 4	989
Robert H Kauffman						
Candi	RH	5-6	305	24,886	3 9	977
Ada	RH	4-3	305	21,488	4 1	872
Geri	RH	8-3	305	24,093	3 6	868
LeRoy M Stoltzfus						
Jill	GrH	5-5	305	26,236	3 6	951
Neffdale Farm						
April	RH	5 9	305	21,903	4 3	950
Jay E Landis						
Lucall	RH	5 10	305	27,052	3 5	949
Kenneth E Zurin						
92	GrH	3-3	305	21,840	4 3	949
18	RH	2-11	305	20,805	4 2	872
136	RH	2-3	305	19,432	4 1	804
J Mowery Frey Jr						
Fortne	RH	2-10	305	22,025	4 3	944
Lori	RH	2-4	305	23,353	3 7	855
Gusty Crest Farm						
Ione	RH	5-6	305	24,119	3 8	925
Jone	RH	4-2	305	19,956	4 0	801
Kevin S Smoker						
Bingo	RH	7 4	305	21,642	4 2	914
Lucky	GrH	6 10	305	22,411	3 9	881
Kreider's & Nickle						
208	GrH	3 5	303	23,088	3 9	906
217	RH	3-3	305	21,650	4 2	901
202	GrH	3-11	305	22,661	3 7	838
220	RH	3-2	305	19,865	4 0	791
Springarden Farm						
Lydia	RH	3-6	305	22,739	4 0	903
Nettie	RH	7-2	305	21,950	3 8	844
Sheba	RH	4 1	305	22,886	3 6	817
Queen	RH	4 2	294	20 033	3 8	758
Robert Kauffman Jr						
Jen	RH	4 10	305	24,332	3 7	898
Bessie	RH	4 1	305	19,963	4 1	827
Joyce	RH	5 0	305	22,418	3 5	782
Vickie	RH	3-11	305	21,151	3 7	775
Jem	RH	6 0	284	21,928	3 5	758
J Robert Kindig						
Pride	RH	4 8	305	21,974	4 1	896
Albert H Mellinger						
Dolly	RH	6 5	305	17,369	5 2	895
Lois	RH	9 8	305	25,067	3 4	854
Reuben A Stoltzfus						
Ivy	GrH	5-5	305	21,357	4 2	891
Landis Garman						
Adora	RH	8-4	305	19,206	4 6	890
Gay	RH	7-1	305	19,885	4 0	798
Harry L Troop						
Pauline 7	RH	4-7	305	24,441	3 6	889
Walter C Pownall						
107	GrH	7 4	298	19,419	4 6	888
193	GrH	4 3	305	20,516	3 9	802
John Omar Stoltzfus						
Promise	RH	6-8	305	23,703	3 7	885
Capsule	RH	10 6	305	18,947	4 2	799
Aaron E Allgyer						
Marlene	GrH	5 8	305	23,997	3 7	884
Pequea Heights Farm						
Dolly	GrH	6-3	305	23,379	3 8	882
Earl S Weaver						
Hope	RH	7-0	305	23,235	3 8	880
Adam & Jerene Zimmerman						
Kate	GrH	8-5	305	21,916	4 0	873
Paul H Martin						
Edith	RH	4-6	305	20,888	4 2	873
Elaine	RH	8 4	305	19,497	4 2	814
Glenda	RH	2 5	303	18,921	4 1	769
Lester J Wiker						
Gladys	GrH	5-6	305	18,185	4 8	869
John P Lapp						
Beauty	RH	3-1	305	20,549	4 2	868
Faith	RH	4-0	305	19,339	4 0	779
J S Smucker & Sons						
62	RH	3 4	305	25,610	3 4	864
330	RH	4-9	305	20,187	3 8	776
483	RH	3-9	305	22,374	3 4	754
Clyde W Martin						
April	RH	3-5	305	24,526	3 5	864
Amy	RH	5-1	305	24,516	3 4	838
Benita	RH	5 2	305	23,864	3 3	781
Dale & Steve Hershey						
Lisa	RH	5 8	305	25,960	3 3	862
Amos F Miller						
Rosie	RH	6-7	305	20,246	4 3	861
Abraham Shelly Jr						
Super	RH	4 7	305	23,353	3 7	860
Glenn E Burkholder						
Josie	RH	6-4	305	26,449	3 2	857
Bubbles	RH	6-6	280	19,377	4 3	825
Fannie	RH	8 9	305	21,963	3 7	820
Judy	RH	3-11	305	25,776	3 2	812
Teresa	RH	4-7	305	21,130	3 6	762
Apple	GrH	10 5	305	21,340	3 5	757
Britain Acres Farm						
195	RH	3 7	305	22,283	3 8	857
174	RH	5 7	305	22,380	3 6	805
Omar Smoker						
Val	RH	5 7	305	24,671	3 5	856
Tanzy	RH	5 6	305	23,596	3 4	807
Robert N Brandt						
24	GrH	4 11	305	19,513	4 4	856
12	GrH	7 0	305	19 064	4 5	852
Ammon E Reiff						
Fury	RH	4 9	305	25,040	3 4	855
Pin	RH	9 9	305	21,798	3 6	790
Jonas S Beiler						
Rachel	GrH	4 3	305	23,243	3 7	855
Jacob S Stoltzfus						
Jackie	RH	6 4	278	19,654	4 4	855
Joseph C Wivell						
Nancy	RH	3-5	305	24,532	3 5	851
Brandy	RH	7 9	305	22,961	3 4	788
Peggy	RH	5 2	305	20,943	3 8	786
J Harold Fritz						
816	GrH	7-7	305	21,024	4 0	851
71	GrH	9 0	305	17,662	4 4	773
Paul S Horning						
Colombo	GrH	6-10	305	25,034	3 4	850
Rhonda	RH	3 5	305	20,372	4 1	840
Deb	RH	3-6	305	18,918	4 4	823
Heidi	GrH	4-4	305	23,946	3 4	806
Penny	RH	3-5	305	25,227	3 2	801
Judy	GrH	3-6	305	22,855	3 4	783
Curtis E Akers						
Sally	RH	6-0	305	20,969	4 0	847
Lucy	RH	3 8	305	18,109	4 3	776
Pete	RH	6-7	294	19,417	4 0	768
Paul M Fahnestock						
28	GrH	8-10	305	23,929	3 5	845
Twin Oak Farm						
329	GrH	4-10	305	18,588	4 5	844
Randy J Stoltzfus						
Jeni 166	RH	6-4	305	21,416	3 9	843
Leaf 103	RH	3-9	302	16,856	4 4	836
Sun Crest Farms						
Vera	RH	7 5	305	14,361	5 8	840
George M Hurst						
248	RH	5-7	305	21,265	3 9	838
265	RH	4 10	305	18,860	4 2	791
Ken & Nelson Stoner						
93	RH	3-8	305	20,697	4 0	836
190	RH	8-7	305	20,311	3 9	801
Delmar & Susan Weaver						
Rena	RH	9-3	305	20,584	4 1	836
Aaron Z Martin						
30	RH	3 7	305	22,450	3 7	835
R Edwin Harnish						
131 14	GrH	2-4	305	19,366	4 3	834
98	GrH	4-0	305	17,224	4 4	751
Carl L Martin						
Pearlen	RH	6-10	305	17,426	4 8	834
Martin H Good						
Par	RH	3-9	305	22,454	3 7	831
Dusty	RH	2-6	305	18,891	4 1	772
J Carl Zander						
Jan	GrH	4-8	305	20,125	4 1	828
John G Good						
Iris	RH	4 7	305	22,508	3 7	824
Meadow Vista Farm						
Alberta	GrH	6-0	305	20,019	4 1	824
Paula	RH	4 7	305	21,499	3 7	793

(Turn to Page D27)

RED WING

ASK THE MAN WHO WEARS THEM

FARMERS' FRIEND BARN BOOT.

For active farmers Rugged barnyard acid resistant uppers for extra-long wear on hardworking feet Come try on a pair

NO. 565

Width	A	B	C	D	E	EE	EEEE
Size	10-14	8-15	7½-14	6-16	6½-13	6½-13	6½-13

CARPENTERS and BUILDERS ALL-AROUND FAVORITE!

This handsome 8 moccasin toe model has been a popular favorite for years! Oil tanned Brown Chrome uppers rolled top band combined with crafted in comfort Super tough Neoprene soles for action wear too!

Sure cure for 5 o'clock feet

NO 214

FOR THE FOOT HARD TO FIT!

Width AA	A	B	C	D	E	EE	EEEE
Size 10-15	9-14	7½-16	6½-14	5-16	6-14	6-14	7-13

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HOURS Daily 8 30 A M to 6 00 P M Friday til 9 00 P M

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QUESTION?

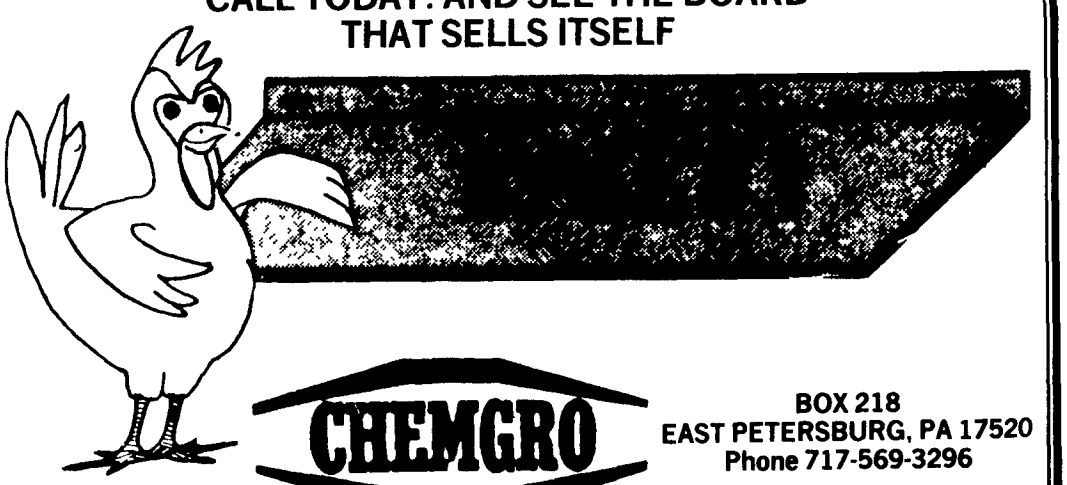
WHY HAVE OVER 60 POULTRYMEN REPLACED THEIR DROPPING BOARDS WITH CHEMGRO'S HIGH DENSITY PLASTIC DROPPING BOARDS?

ANSWER!

IT'S SIMPLE, OUR BOARD IS UNMATCHED IN THE INDUSTRY!

- SUPERIOR STRENGTH AND DURABILITY
- THICKNESS, A FULL ¼" THICK
- WILL NOT RUST OR CORRODE
- AVAILABLE IN 8' AND 10' SECTIONS
- FITS MOST MAJOR CAGE SYSTEMS
- ALL NECESSARY HARDWARE AVAILABLE
- PLASTIC SCRAPER BLADES ALSO AVAILABLE
- BOARDS FULLY GUARANTEED BY MANUFACTURER

CALL TODAY: AND SEE THE BOARD THAT SELLS ITSELF



CHEMGRO

BOX 218
EAST PETERSBURG, PA 17520
Phone 717-569-3296

Lancaster Co. DHIA

(Continued from Page D26)

Robert T Bowman						
Dana	RH	3 6	305	17,649	4 7	822
Elmer M High						
149	RH	5-10	305	23,270	3 5	821
25	GrH	6-2	295	21,945	3 6	781
101	RH	5 9	305	21,776	3 5	765
Warren F Bollinger						
7	RH	6-7	305	21,140	3 9	820
113	RH	4-7	305	19,684	3 8	756
5	GrH	4-0	305	21,023	3 6	751
Cedar Fringed Farm						
Inky	RG	5-10	305	20,617	4 0	820
Nada	RG	7-9	305	18,538	4 2	771
Philip B Beiler						
Ada	RH	5 1	305	23,099	3 5	819
Wilmer G Kraybill						
Idol 49	RH	9-10	305	20,775	3 9	819
Marbro Farm						
Sally	RH	3-3	305	23,314	3 5	818
Emanuel S Fisher						
Dusty	RH	7-6	286	19,965	4 1	818
Fred Crider Holstein						
Flo	RH	4-10	305	20,675	4 0	817
Ra El Holsteins						
Fanny	RH	4-3	305	20,569	4 0	817
Edna	RH	10 11	305	23,134	3 5	814
Raymond W Horning						
38	GrH	6-7	305	21,056	3 9	816
John J Speicher						
6	RH	5-10	305	19,893	4 1	812
Donald B Timble						
Novice	RBrSw	6 2	305	20,006	4 1	811
Glenn P Book						
Jennie	RH	6-9	305	21,058	3 8	810
Roy Edwin Sauder Jr						
78	GrH	9-11	305	21,052	3 8	807
Willis M Martin						
Petunia	RH	3-6	305	20,307	4 0	807
Christian G Becker						
215	GrH	4-8	305	15,911	5 1	807
John Allen Wenger						
14	GrH	4 11	305	19,926	4 0	805
28	GrH	5-2	305	21,423	3 6	766
Aaron B Lantz						
Patch	RH	4-6	305	20,573	3 9	802
Paul S Sauder						
Liz	RH	4-6	305	19,665	4 1	802
G M Weaver						
Tulip	GrH	3-0	305	18,396	4 4	801
Naaman W Stoltzfus						
Joy	RH	3-4	305	20,780	3 8	800
Melody	RH	4-5	305	22,641	3 4	766
Clair M Bowman						
66	GrH	3-9	295	17,045	4 7	800
Kenneth D Myer						
Reda	RH	7 5	305	20,746	3 9	799
Weaver Homstead Farm						
78	GrH	1-11	305	17,964	4 4	799
14		5-7	305	20,926	3 7	770
67	RH	3-4	305	22,385	3 4	765
Clarence W Shirk						
Susan	RH	7-10	305	22,271	3 6	798
Dale W Peifer						
Jenny	GrH	6-1	305	20,521	3 9	798
Luann	RH	4-8	305	18,422	4 2	777
Elam K Stoltzfus						
Connie	RH	6-5	305	19,944	4 0	798
Arlene	RH	4-0	305	20,239	3 8	763
Tom & John Harnish						
Sandy	RH	4-11	305	24,624	3 2	796
14	GrH	2-2	304	16,508	4 5	751
Harry S Aungst						
Ivy	RH	4-4	305	22,907	3 5	795
Henry U Stoltzfus Jr						
Sheik	RH	3-9	305	19,874	4 0	795
J E & Shirley Hershey						
Lucky	RH	2 10	305	23,295	3 4	793
Susie	RH	4-10	305	19,923	3 8	758
Ru-Be-Mar Farms						
16	RH	5-4	305	22,765	3 5	793
Desmond Kayea						
69	GrH	6-4	296	22,356	3 5	793
Ira D Welk & Sons						
Sharon	RH	4-10	305	18,840	4 2	793
Vickie	RH	4 7	305	22,919	3 3	762
Paul W Zimmerman						
97	RH	8-1	305	15,448	5 1	793
John M Harnish						
Angie	RH	3 1	305	19,971	4 0	792
Spring Belle Farm						
Mindy	RH	4 2	305	21,236	3 7	791
Miracle	RH	3-1	305	19,164	3 9	755
Benuel Z Lapp						
Cactus	RH	2-5	305	24,135	3 3	790
Rohrer Brothers						
Star	RH	5-10	305	20,619	3 8	788
David E DeLong						
395	RH	4-2	305	21,271	3 7	786
Paul D Welk						
Polly	RH	3-3	305	14,183	5 5	786
J Harold Musser & Son						
90	RH	5-10	305	23,086	3 4	785
48	RH	6-10	305	20,124	3 8	759
E S Win Farms						
Janet	RH	6-7	305	20,232	3 9	785
John R & Rick Groff						
Ava	RH	9-7	305	18,651	4 2	784
Ellis D Kreider						
139	GrH	6-4	305	20,718	3 8	783
116	GrH	8-3	305	22,172	3 5	779
Christian & Katie King						
17	RH	6-3	305	19,825	3 9	782
41	RH	5-4	305	19,843	3 9	765
Curvin W Nolt						
18	RH	5-11	305	17,666	4 4	782
Joe & Beulah Snavley						
Ida	RH	6-10	305	15,918	4 9	781
Loren L Zimmerman						
Nifty	RH	6-6	292	21,358	3 7	780
Marlin R Musser						
17	RH	4-11	305	20,454	3 8	779
Thomas & Larry Aaron						
356	GrH	4-4	305	15,780	4 9	778
398	RJ	3 7	305	14,226	5 4	766
El-Dell Farm						
Ruthie	GrH	2 1	305	15,372	5 1	778
S & A Kreider & Sons						
32	RH	4-8	305	19,364	4 0	777
Hammer Creek Holsteins						
70	GrH	4 7	305	20,220	3 8	773
Robert H Rohrer & Sons						
136	GrH	2-4	305	19,673	3 9	773

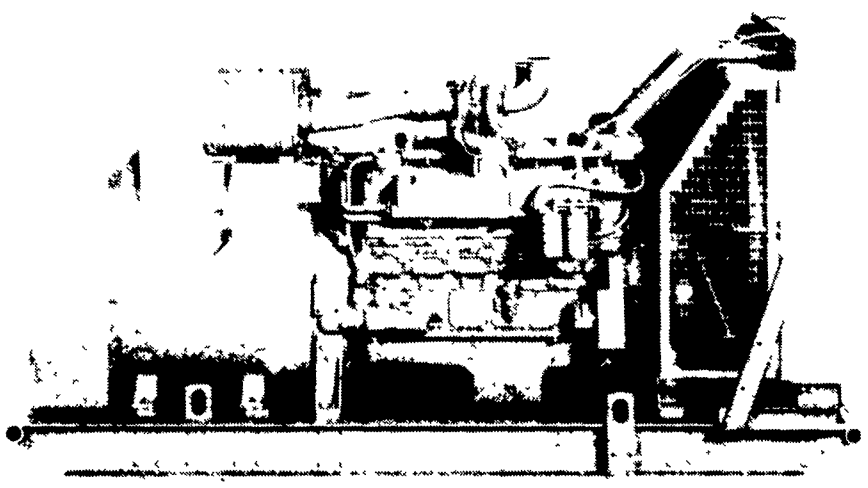
(Turn to Page D28)

MAXI POWER

Generator Sets

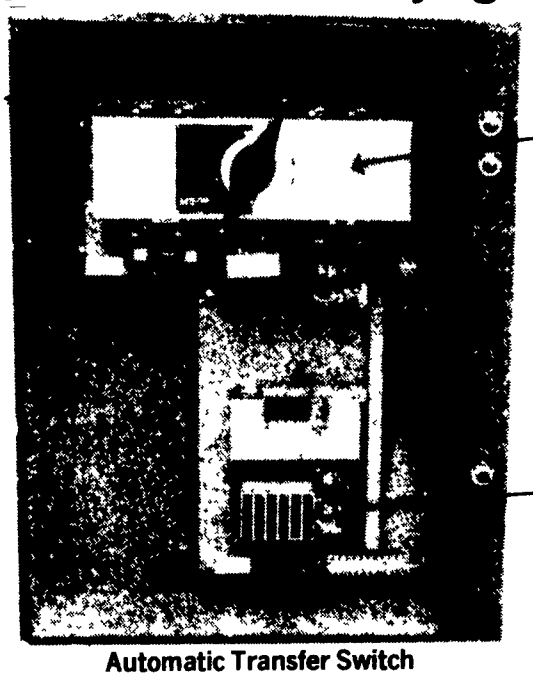
Manufactured for Agriculture

•Air Cooled Units: 2 - 20 KW •Water Cooled Units: 7.5 - 1000 KW



Maxi-Power Generator has over 325 automatic units in South Eastern Pa. Why not check with the leader before buying!

★ Sales
★ Service
★ Rental
★ Used Units
★ Trade In Allowances
★ Switch Gear



Automatic Transfer Switch

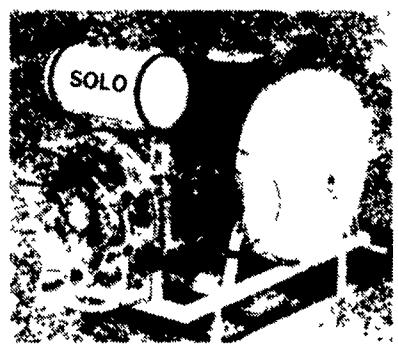
MAXI POWER

— THE ORIGINATOR OF AGRICULTURE SWITCH GEAR —

MAXI-POWER GENERATORS

330 FONDERWHITE RD., LEBANON, PA 17042
717-274-1483
★ RADIO DISPATCHED TRUCKS ★ 24 HOUR SERVICE

The Home of SOLO Products

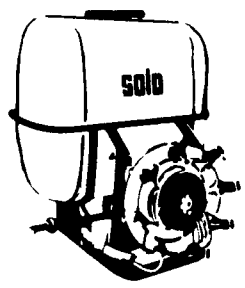


SOLO'S New Floating Pump 830

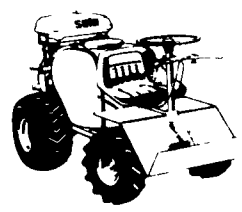
The new SOLO 830 is ideal for farmers For "clean" water supply out of even shallow ponds for spray solutions (preventing spray nozzles from clogging by sand mud, or other particles picked up by common pumps), irrigation, watering livestock, draining flooded or low areas from standing water, insect and mosquito control pumping liquid fertilizers

AIR BLAST SPRAYER
KEY FEATURES

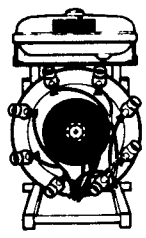
- 55 gallon poly tank
- 12½ HP (210 c c) gas engine
- 8 nozzle adjustable discharge, 200 mph velocity
- Calibration from 1 quart to 40 gal per acre
- Up to 40 ft swath width for crops
- Up to 40 ft height with Teleblast
- Mounts on 3 pt hitch or skids into pick up truck



Model 451/452 PTO Mist Blower lightweight 3 pt hitch to 15 hp or over tractor 53 80 105 gal for mula tank



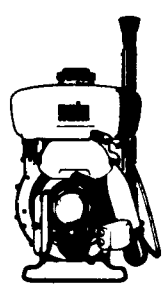
Model 426 self propelled& Mist Blower 32 gal formula tank 12 5 hp high per formance engine standard cleat or ATV tires



TRAC - 419 Mist Blower self contained module mountable on truck bed trailer jeep small tractor 12 5 hp engine adaptable to any size formula tank

HANJET-455 Superlightweight manual sprayer injection molded inert corrosion proof plastic interchangeable nozzles (optional) applies 1 3 gal with single pressurization

JETPAK-425 Manual knapsack sprayer 4 gal capacity inert high impact plastic nozzle options for spot treatment crack/crevice work



JUNIOR 410/ PORT 423 Portable engine powered mist blowers high impact inert plastic over metal frame support easy start SOLO engine 3 or 5 hp

Lancaster County's Only Dealers Specializing In Sprayer Sales & Service

LESTER A. SINGER

RONKS, PA

PH: (717) 687-6712, Mon.-Fri. 8 to 5; Sat. 9-12
Dealer Inquiries Invited

Lancaster Co. DHIA

(Continued from Page D27)

Ivan Z Martin						
Dawn	RH	3 6	305	22 632	3 4	771
Amos W Breneman						
Ellen	GrH	4 8	305	22 057	3 5	770
Emanuel S Smucker						
Molly	RH	3 2	305	21,562	3 6	768
Martin Weaver Jr						
BoPeep	RH	6 10	305	21 558	3 6	768
Glenn F Shenk						
Susan	RH	3-4	305	20 005	3 8	766
John J Landis						
Bonnet	RH	3-7	305	17,504	4 4	766
Harry H Ranck Jr						
Cookie	RH	4 0	305	23 327	3 3	764
Romella Farms						
Mavis	RG	3 2	305	13 762	5 6	764
Samuel F Riehl						
Dolly	GrH	8 7	305	19 376	3 9	763
Marvin K Witmer						
Mindy	RH	4 0	305	23 502	3 2	762
Singing Maple Farms						
19	RH	6 6	305	22 318	3 4	762
11	RH	5-8	297	23,487	3 2	751
Earl N Landis						
Gracie	RH	4 8	305	20 844	3 7	762
Edgefield Farms						
Dorann	RH	6-1	303	20,583	3 7	762
Charm	RH	4 0	305	21,889	3 5	759
Rosegale Farm						
Joyce	RH	4-7	305	19,473	3 9	762
Nelson H Wenger						
Cinder	RH	3 5	305	18 794	4 0	761
Dale Weiler						
Dinah	RH	4 3	305	18 676	4 1	761
Ivan Bowman Jr						
Sally	GrH	5 6	305	18 556	4 1	761
Ben S Stoltzfus						
Susann	RH	6 9	286	21 116	3 6	759
Walnut Run Farm						
320	GrH	3 8	303	18 792	4 0	759
Richard G Wenger						
Spicy	RBRSW	5 2	305	15 468	4 9	759
Daniel W Fox						
Bell	GrH	4 7	305	19 430	43 9	757
Parke H Ranck						
Amy	RH	5 7	305	19 316	3 9	757
David W Sweigart						
107	RH	5 4	305	19 191	3 9	755
Vernon K Beiler						
9	GrH	5 8	305	16 739	4 5	755
Albert E Fry						
Eagle	RH	4 0	305	20 318	3 7	754
Karl W Herr						
5	GrH	5 4	305	21 948	3 4	753
Indian View Farm						
Irma	RH	5 5	304	21 667	3 5	753
Melvin R Eby						
Kathy	RH	9 3	305	15 971	4 7	752
Alvin L Petersheim						
Ada	GrH	7 8	305	24 522	3 1	750
John B Groff						
Cathy	RH	6-5	305	22 444	3 3	750
Red Knob Farm						
77	GrH	5 7	305	20 067	3 7	750

POTTER COUNTY DHIA
March Report

OWNER	BRD	NO. COW	DAYS IN MILK	LBS. MILK	LBS. FAT
Ivan Smoker&S	RH	95 7	86 7	20 759	766
Ivan Kibbe Jr	RH	93 7	90 0	19,042	756
Jack Thomas Sr	Mx	43 1	87 0	18,997	708
Robert Francis	RH	42 0	79 6	18,101	694
John C Traub	R&GH	41 3	85 5	18,465	686
George Barker	RH	63 0	84 6	18,642	683
Jay N Heisey	RH	75 1	85 7	18 078	663
Guy Dunn	RH	54 3	87 3	17 922	663
R Own Farms	RH	65 8	84 8	17,979	656
Snyder Farms	RH	36 2	86 1	17,713	653
Kevin Risser	R&GH	100 0	85 8	18 555	653

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
George Barker						
Vera	H	8 7	305	18 444	4 7	869
Niki	H	6 5	305	25 917	3 2	826
Ivan Smoker&Sons						
Helene	H	6 1	305	19 423	4 4	862
Ellie	H	4 3	305	16,852	4 6	771
Crackle	H	2 11	305	22,651	3 7	839
Bess	H	2 3	305	19,949	3 9	774
Carl Erway Farm						
#78	H	3 5	298	20,503	3 8	772
Snyder Farms						
Beauty	H	6 6	305	21 260	3 6	763
Dale Hoffman						
Angela	H	6 3	305	23 922	3 2	768
John C Traub						
Alma	H	6-8	305	18,407	4 8	886
Kevin Risser						
Lucille	H	3 3	305	20,697	3 8	781

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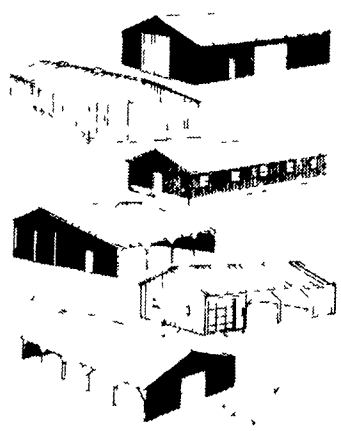

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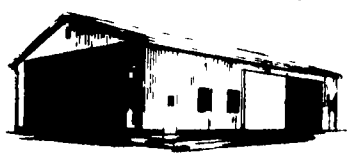

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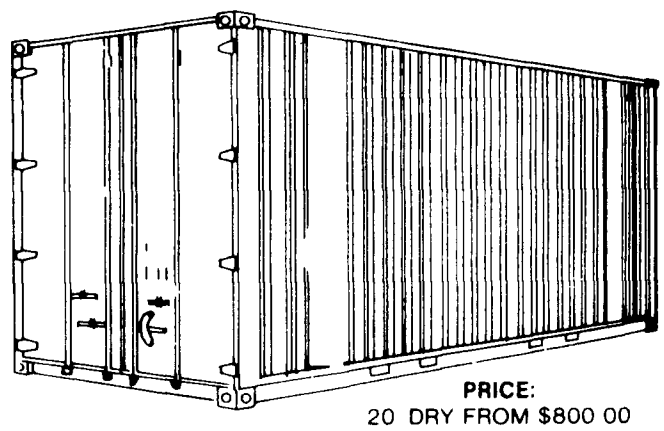

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GOOD QUALITY
FREE PROFIT

Most people would jump at a chance to make some "free profit". The opportunity to make free profit sounds almost too good to be true, but it just might be possible.

Good quality forage is one of the keys to good production and higher profits. Quality in homegrown forages is one thing that can be obtained free with the right kind of management. However, if you have to purchase quality in feeds, it can be very expensive. The time to focus on quality is right now, at the start of the forage harvesting season. The single most important factor affecting quality is stage of maturity of the forage at time of harvest. The older the forage the lower the quality, and it can drop rather quickly as crops come into bloom or as heads start to emerge.

Alfalfa generally should be cut in the bud stage; weak stands and new seedings should be cut around the mid bud stage, to avoid putting additional stress on plants. Grasses should be cut in the late boot to early head stage. This usually poses a problem with spring harvests. The weather may not be cooperating when the crop is ready to be harvested - or, there may be corn to plant.

Weather damage is another factor affecting quality. We can't control the weather, but we can keep abreast of projected weather maps and weather forecasts so we can work more effectively with the weather. Cut hay at the beginning of the first good break in the weather, even though the crop may be a little younger than what you anticipated, and even though you still have corn to plant. It may be the only break in the weather that you'll get for the spring harvest!

Remember, it takes more good days of weather to make hay than it does to plant corn. True, the slight delay in corn planting will probably reduce corn yields - slightly, and the earlier cutting may reduce hay yields, especially for the first cutting, but the quality you gain should more than offset these losses. Remember, the quality you get is the quality you'll be feeding for a long time. The quality you don't get could be expensive to purchase, or the production lost as a result of poor quality can be expensive.

Taking the first cutting off early also increases the possibility of getting an extra cutting or two for the season, helping to compensate for the smaller first cutting. If the weather, or some other circumstance, forces you to harvest the crop prematurely at a young stage of maturity, allow the next cutting to come into bloom or to start shooting new growth from basal buds.

Chemical Conditioners, Bags, Preservatives

If weather fails to cooperate, you have a few tools to help you through the harvest season, but you'll have to weigh the costs against the benefits. Consider harvesting the crop as haylage. If necessary, store it in a bag or on a stack if silos are unavailable. Or you can bale it wet. When bagging bales, it is important to protect the bags from punctures, to make a tight bale, and to bale it wet - at the same moisture levels recommended for ensiling. Hay too wet to bale and too dry to ensile, is also too dry to bag; chances are, it will spoil.

With the aid of a variety of preservatives, hay can be baled earlier at higher levels of moisture, before the arrival of that threatening storm or before the leaves have a chance to shatter.

Chemical conditioners are the latest thing coming to our aid. The chemical is applied (sprayed) on the stalk of the standing crop as it is being cut. These chemicals (sodium carbonate, potassium carbonate, etc.) can cut drying time by about one day. They are generally more effective with legumes than with grasses, and their benefits are enhanced when used in conjunction with mechanical conditioners (crimpers, rollers, etc.).

Length of Cut

Remember, we are feeding our hay crop to ruminants, and they need a certain minimum amount of effective fiber to maintain normal digestion, normal health, normal production and normal fat test. You can destroy the effectiveness of the fiber in the forage by chopping it too fine. Remember, too, it's the length of cut which the cow consumes which is really important. Consider how much more the forage is chewed up as it leaves the silo, as it is being mixed, and as it is being conveyed to the bunk; its consistency may change considerably from the time it was chopped until it is consumed.

Experts suggest that about one fourth of all the forage particles a cow consumes in her total ration should be 1.5 inches in length, or longer. To attain this, it might be necessary to adjust the cutter knives for a 5/16 to 3/8 inch theoretical length of cut. This is only a guideline. Generally, as the amount of chopped feeds, ensiled feeds, and grain in a cow's ration is increased, and as the amount of moisture in the total ration goes up, level of forage feeding goes down, the more important it is to have a coarser cut.

Accessibility

Quality doesn't do you much good if you can't get to the good quality feed to be able to feed it to the good producers - the mortgage lifters - that need it. Conversely, when you do get to it, it's foolish to waste high quality feed on cows and heifers that don't need it!

What I'm leading up to is plan your forage storage so you can access whatever kind and quality of feed you want for any cows at any time. This enables you to put your forage to its best use. These opportunities don't exist on all farms; nevertheless, it is still a good idea worthy of your consideration. It might mean more smaller-sized silos as opposed to one big silo. Or consider stacks, bags, etc. Maybe you can stack your hay differently in the mow.

Give some thought to these ideas this season. Many of these thoughts require no capital outlay - just good management; they may be your few free tickets to improved profits.

For more information on this subject, contact the Penn State Extension Service which is an affirmative action, equal opportunity educational service.

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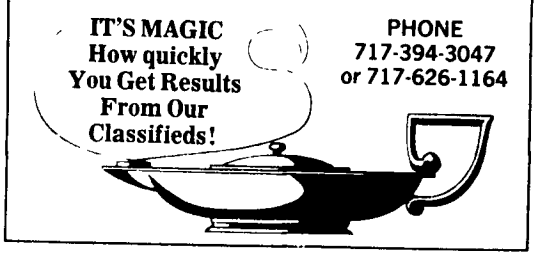

TANKS TANKS TANKS

June - the month of the horse and cow

FLEMINGTON, N.J. — June is declared in New Jersey as the "Month of the Horse." It has been so proclaimed by Governor Thomas Kean in a brief ceremony in his office recently. The intent is to bring to the attention of the public the prominence of the horse in the state. Many activities and events have been scheduled for June to celebrate the state animal...the horse.

Dairy farmers and dairy industry leaders are quick to respond to this. They remind us that "June is Dairy Month"...and that it is a national observance. Locally, they remind us that there are more cows than horses in Hunterdon County, and that the cow is involved in the production of "nature's most nearly perfect food."

The horseman counters with figures and statements that support his or her contention that the horse industry, which continues to grow in the county and state, indeed contributes significantly to the economy and the long-range efforts to retain farmland and open space.

The friendly rivalry goes on with each group promoting its respective segment of our agricultural community.

Local Events Set

The equine industry has scheduled many events, informational, promotional, entertaining, over the state during June. There are several open house locations in the county and nearby area. The doors are open for specified times and dates. They include:

June 3 - Esshiban Equestrian Center, Rt. 206, north of Chester, 1 to 3 p.m., Arabian and half-Arabian horses.

June 17 - Cedar Lake Stud & Training Center, Blairstown, 1 to 3 p.m., Thoroughbreds and American Saddlebreds.

June 17 - Gearhart Chevrolet Stables, Rt. 517, Fairmount, 2 to 4 p.m., American Saddlebreds.

June 24 - Old Dogwood Hill Farm, Milford (west of Mt. Pleasant), Rt. 519, 1 to 4 p.m., mostly Thoroughbreds and Quarterhorses.

Mrs. Peggy Groah, Alexandria Township, a former chairman of the New Jersey Equine Advisory Board, has been coordinating many of the events of June Horse Month. She reports several other interesting activities:

Sire Stakes Harness Racing - Showplace Farms, Millstone, 1:30 p.m. on June 2 and 3.

Polo Match - a benefit for Hunterdon Art Center, Far Hills Polo Club at Bedminster on June 16.

Trail Rides - Delaware-Raritan Canal 150 year celebration on June 23. Call Mrs. Groah for details, 609, 292-7017.

(Turn to Page D31)

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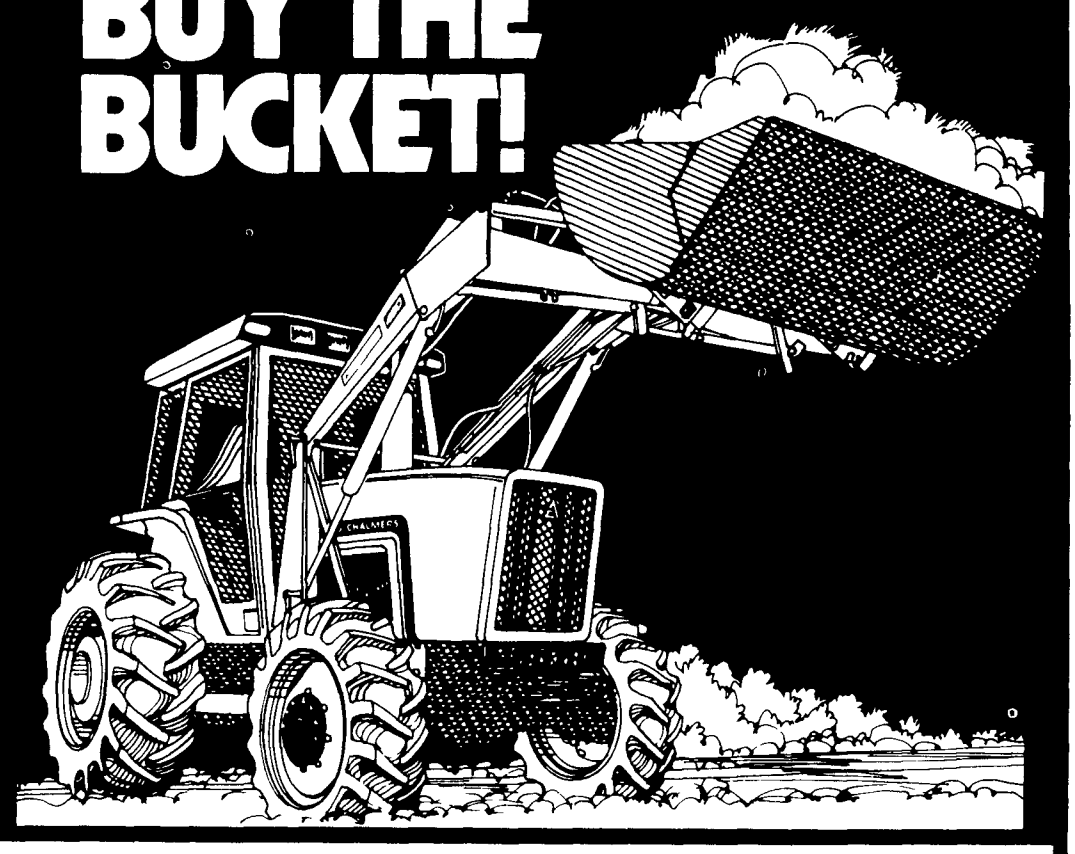

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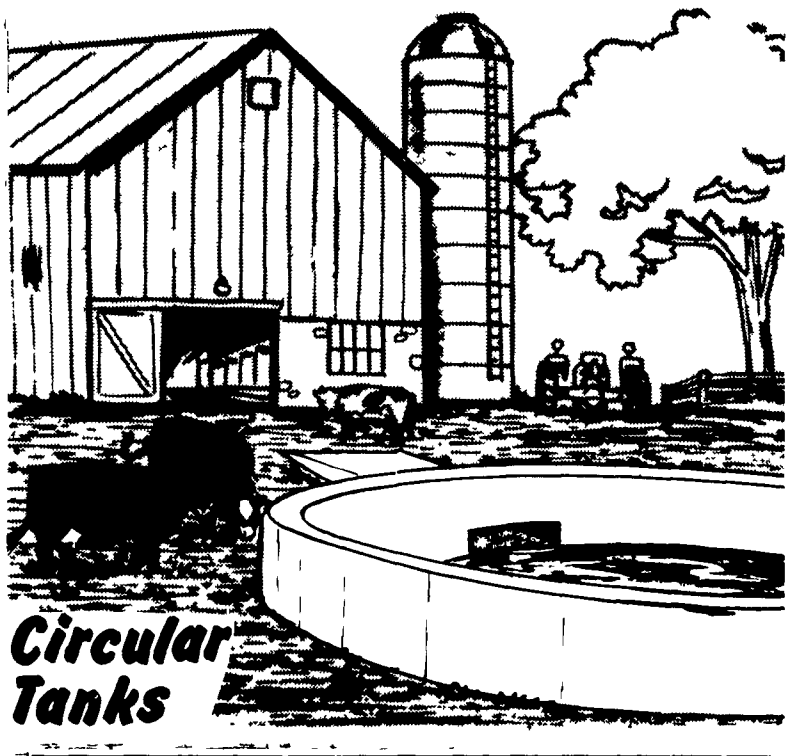

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Land values drop near waste disposal sites

ITHACA, N.Y. — If a waste disposal site is located near private property, the value of that property is lowered, even if the disposal site does not contain hazardous materials.

That's a finding from a recent study conducted by Brian Baker, a researcher in the department of agricultural economics at Cornell University. Baker studied landfill areas in three New York State counties - Tompkins, Saratoga, and Niagara - to determine their effect on surrounding property values.

Baker says that of all the economic problems besetting communities with waste disposal facilities, one of the most sensitive and controversial is that of real property values. "State and local governmetn officials must weigh all factors when making decisions regarding landfill sites, real property values, and potential compensation claims."

More study needed

Baker adds that because concern for the problems of hazardous waste disposal is relatively new in our society, more research and studies must be done to understand the economic implications of where landfills and waste disposal sites are located. Property tax structures, siting selections, and compensation procedures for lowered property values are some of the issues communities must grapple with in the near future.

"The regulatory and statutory frameworks for dealing with hazardous waste disposal sites are not in place yet," Baker says. "The next few years will be crucial for policy making."

In Niagara County, Baker studied property values near SCA Chemical Waste Services in the Town of Porter. This facility includes a secure landfill for chemical wastes, resource recovery, and reprocessing operations, liquid processing and treatment facilities, and sludge disposal. The SCA site contains hazardous wastes such as heavy metal sludges, contaminated chemical wastes, and polychlorinated biphenols (PCB) solid waste.

"Realtors in the area were reluctant to speak at length about the effect that SCA might have on real estate values," he says. "Yet, properties immediately surrounding the site were described as below-average in demand." Homes in subdivisions two to five miles away from the area were average or above-average in demand.

Love Canal

Interestingly, he notes, property value reductions near the SCA site were smaller, rather than greater, after all the negative publicity in 1978 about Love Canal. Values already may have been reduced to market demand before the publicity, Baker says.

In general, however, the publicity about Love Canal did lower property values near landfills. Properties near the other sites studied – West Dryden in Tompkins County and Waterford in Saratoga County – also experienced a reduction in values.

Waterford, which has a disposal site for by-products of manufacturing, such as benzene, toluene, chlorobenzene, and xylene, some of which are hazardous, is experiencing well-water contamination from this landfill. Property values near this site indicate a definite downward trend since 1978.

Tompkins County's landfill contains no hazardous wastes, however, it also affects property values around it.

Compensation

Baker says the relationship between waste disposal sites and property values must be examined and taken into account, but nearness to landfills is just one of many factors affecting the sale price and value of any piece of property.

Baker deals with the question of compensation for property value losses: "As long as damage to health does not occur, there is little basis for compensating homeowners living near a landfill or hazardous waste disposal facility."

Baker points out that the homeowners probably paid below-average prices for their property and, in that way, may have been compensated already for lower property values.

If people bought property before the disposal site was built, however, they probably paid the full market price. These homeowners, says Baker, may be justified in expecting compensation for the devaluation of their property. At present, legislation to compensate property owners in this situation does not exist.

Baker concludes that if the site presents a health hazard, even a relatively inexpensive home may not compensate for the dangers of living in that home.

Don't Turn Back The Clock!

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Dairy farmers don't want to turn back the clock. The "good old days" evoke warm nostalgia only in those who never experienced the daily back-breaking job of wrestling loaded cans of milk (110 lbs. each) into coolers and on and off trucks. It wasn't any picnic. It's history now and no one wants to repeat it.

But what about milk pricing? What about the right of farmers to bargain for better terms through their co-ops...and through joint action of co-ops? What about hard-won laws that benefit farmers...laws that anti-agriculture forces are trying to water down or eliminate? And what about our market order system that is even now being challenged in the Supreme Court by a consumer group that wants to capitalize on the popular idea of "cheap milk?"

Turning back the clock is a very real possibility in these areas.

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Dairy co-ops are almost alone fighting the battle to keep our hard-won gains...and Dairylea is a leader among them. Don't take anything for granted. If you think you "can't afford" to belong to a cooperative.. maybe you should look down the road a bit further. The truth is, you can't afford NOT to belong to a cooperative.

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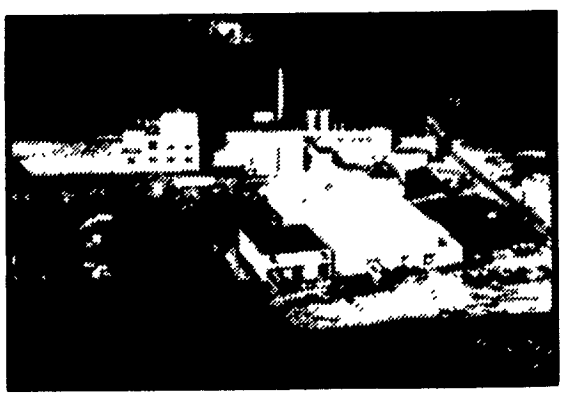

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Month of horse & cow

(Continued from Page D30)

Horse Art Exhibit, titled, "Celebration of the Horse," Hunterdon Art Center. Reception on June 24, 2:00 to 5:00 p.m. Exhibit continues to July 29.

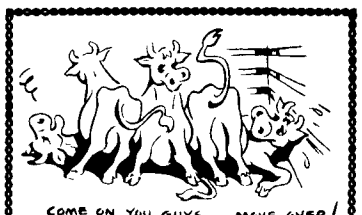
Dairy Farm Open House

The big local promotion for June Dairy Month is the annual dairy farm open house held on Father's Day, Sunday, June 17. This year it will be hosted by Walter Dobozynski and family on their Readington Township farm on Rt. 523, a few miles north of Flemington.

This event draws as many as 1,500 to 2,000 people during open house hours, 1 to 5 p.m. There will be all kinds of demonstrations, tractor-drawn, guided wagon tours, yes, even a horse-drawn wagon ride.

A large committee of the Hunterdon Board of Agriculture, under the leadership of Henry Kuehn, Raritan Township, will be on hand to greet the visitors and serve as guides.

It's a fun day, an enjoyable day! There will be milk, crackers and cheese served. And, Hunterdon's new dairy princess will be crowned during the afternoon by reigning princess, Sandy Rogers.



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Dauphin County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

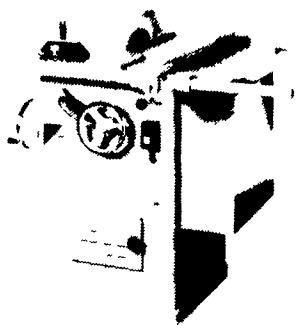
April, 1984

OWNER	BREED	NO. COWS	LBS. MILK	LBS. FAT
Roy M Brubaker	H	80 9	19 736	706
Restful Acres	H	91 6	18,928	694
Robert J Schaffer	H	61 5	18,308	682
Catalpa Farms	H	135 1	19,375	680
John Hertzler	H	77 3	17 663	654
Roy C Wilbert	H	39 2	18 438	652
Crissinger Dairy Farm	H	85 0	17 060	651
J Melvin Brandt	H	75 9	16 990	650
Stoney Lawn Farms	H	58 9	18,963	650
Earl Campbell	H	47 4	16 438	646
Robert H Beach Jr	H	43 3	16 800	644
Conewago Farms	H	37 8	15 509	628
Mahlon L Lehman	H	58 6	17,238	625
Elwillo Farms	MB	134 9	16,210	619
Alwine Farms	H	72 6	16,313	618
Terlin Farms	G	70 1	13,124	614
Larry L Boyer	H	23 6	16,751	612
Robert Oellig	H	36 7	15,648	606
A Grand View	H	136 9	16,518	603
Wilmer Campbell	G	63 2	13,665	600
Wil Lene Farms	H	66 4	16,404	593
Lytle Farms Inc	H	101 5	16,874	581
Great View Farms	H	51 5	15,458	580
Arthur Brandt	H	93 9	15,371	580
Harold M Nissley	H	41 3	16,404	575
Sher Mar Acres	H	57 8	15,691	571
Dale F Faust	H	49 2	15,884	568
Donald Engle	H	81 0	15,813	564
R Own Dairy Inc	H	83 0	14,681	551
James Lesher	H	42 6	14,646	546
Walter Schaffer	H	25 6	13,485	544
Homer Campbell	H	80 9	14,410	537
Paul E Clugston	H	96 7	14,687	528
Floyd E Feidt	MB	69 9	13,535	512
Noah W Sauder	H	48 4	14,128	511
Raymond Belack	H	79 9	13,885	508
Lee R Sweigard	H	23 9	15,106	502
Lauden Farms	H	175 0	13 881	501

OWNER NAME OR NO.	AGE	LBS. MILK	% FAT	LBS FAT
Byrncoed Farm Jersey				
557	2 11	14 068	4 5	640
John Hertzler				
Lucilee	3 8	18 155	4 5	824
Vonda	2 8	12 949	4 8	621
Conewago Farms				
GR-15B	6 5	15 603	4 4	686
GR-5	4 9	15 064	4 1	624
GR 138	4 11	17 484	3 6	635
GR 24	5 7	23 339	4 1	962
GR 34	5 7	22 223	4 0	894
38	3 3	16,935	4 2	708
Robert Oellig				
Darling	6 7	15,506	3 9	603
Dafadil	5 1	16 319	4 6	754
Terlin Farms				
Wendy	3 5	16 240	4 3	703
Topaze	3 6	16 738	4 8	796
June	2 8	12 843	4 8	612
Kathy	2 7	15 584	4 6	721
Stoney Lawn Farms				
Meg	3-8	19,443	3 3	634
Mahlon L Lehman				
Mable	8-5	16,450	3 8	631
R Own Dairy Inc				
53	6 0	15,745	4 1	649
57	0 0	19,219	3 2	613
82	0-0	18,443	3 4	627
27	2 7	17,960	3 7	671
Homer Campbell				
80	8 10	14,993	4 1	610
15	0 0	15,696	4 0	621
Catalpa Farms				
230	2 10	18,235	3 6	660
239	2 11	17,687	3 6	637
276	2 5	17 370	3 8	655
Robert H Beach Jr				
182	4 0	17 130	4 2	727
Lauden Farms				
104	4 5	19,116	3 7	710
89	4 2	17 945	3 9	700
191	9 0	19 837	3 7	739
Great View Farms				
Cookie	5 4	19 124	3 4	642
Emmylou	4 4	22,386	3 1	702
Earl Campbell				
150	2 11	15 886	3 8	600
Roy M Brubaker				
Fanny	4 7	20 669	3 8	793
Sher Mar Acres				
Bambi	2 1	15 756	3 9	608
Paul E Clugston				
15	5 11	18 976	3 3	626
73	3 11	21 524	3 3	719

(Turn to Page D34)

LOOK & COMPARE



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- Motor w/Magnetic Control Switch
- 2 HP, Sgl. Ph., 115/230 V (prewired 115V)

$1,417

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4½ x6 ' JET Hor /Vert Band New $269
35½ JET Vert Band w/Blade Welder $4,350

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17 x40' MONARCH Gear Head O C w/ Accessories $2,600
10 x24 JET O C w/6 Pos Turret Collect Closer Loaded $3,195

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12 Ton Model C1 Press OBI $750
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47 Ton BUFFALO Hyd Ironworker 79 Like New w/Punches $12,500
½ 3 Ton New ARBOR Presses
8 16 Ga NATIONAL Hand Brake Like New $3,200
48 12 Ga Tennsmith Finger Brake New $2,495

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12 Rockwell Wood Lathe w/Turning Tools Used $775
16 Makita Rewsaw #2116 Single Phase Bandsaw 2 HP $1,350
1¼ Spindle Poitras Shaper Model 3000 Less Motor New $3,450
12 Jointer Poitras Model 4800 Less Motor, New $2,550
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14 Bandsaw Jet 1 HP Single Phase New w/Stand $359

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No 2M CINCINNATI Hor Mill w/Power Index Head $2,995
INGERSOL RAND Type 30 Vacuum Pump Rebuilt $500
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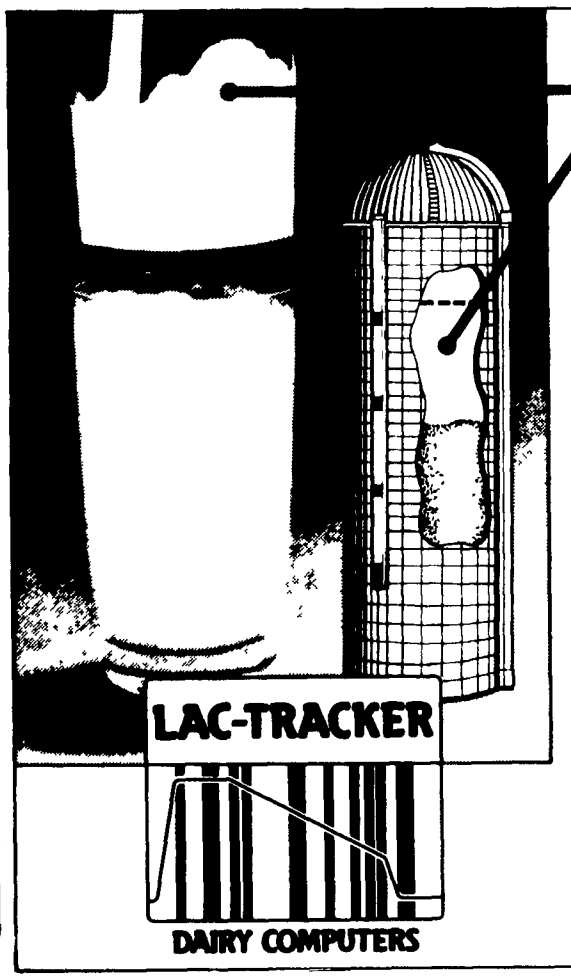

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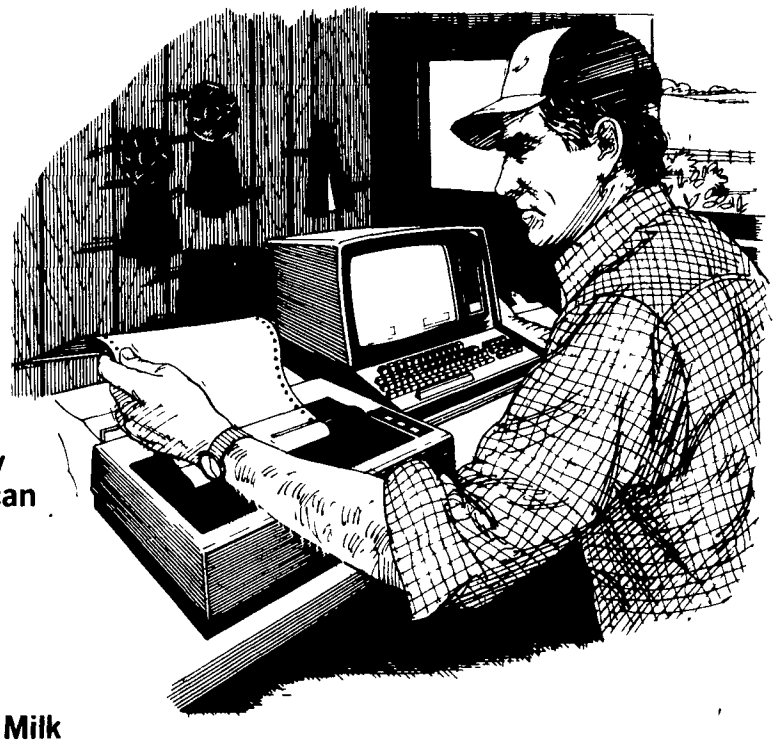
SURGE InFARMation RESULTS ARE IN!!



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AVERAGED...

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3 - Increased Butterfat .4353%
4 - Saved $2,857 Per Month On Increased Production & Feed Savings or:
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June is dairy month

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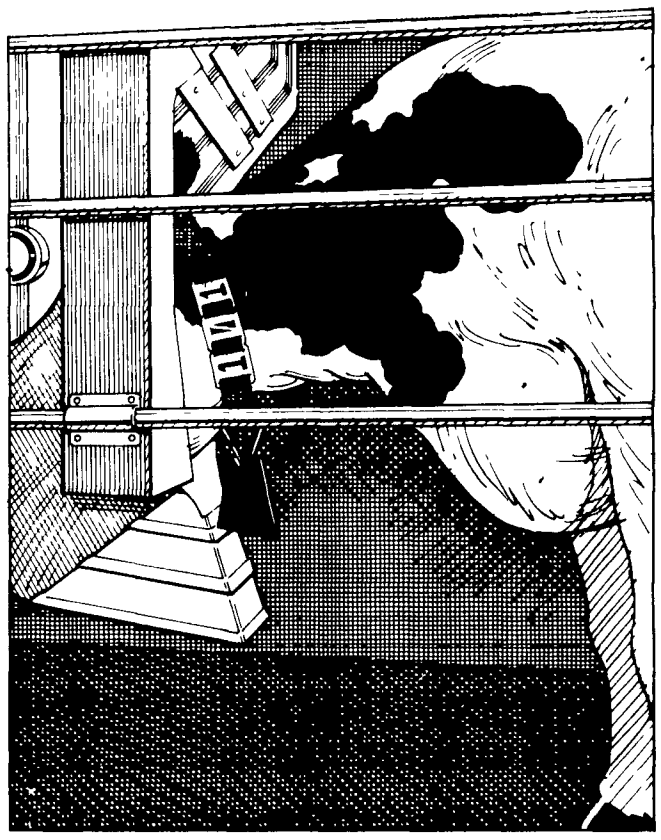

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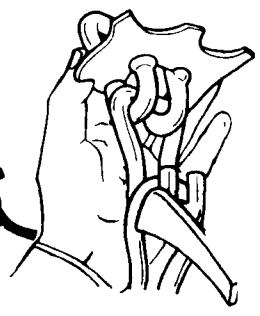

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Tioga Co. DHIA Report

Pennsylvania Dairy Herd Improvement Association

March Report

TOP OF THE MONTH

Herds in the Tioga County D H I A in March 1984 which produced a rolling herd average of 650 lbs or more

OWNER	BREED	AGE	DAYS IN MILK	LBS MILK	LBS FAT
Glenn Bowen	RH	38 8	87 8	20 200	778
L&J Holsteins	RH	38 8	88 8	19 644	760
MIC Realty	RH	53 2	89 9	19 187	729
P&E Machmer	R&GrH	24 7	86 5	19 025	724
Verne W Bowen	RH	39 5	88 3	19,240	720
John S Bennett	R&GrH	64 7	86 3	19,825	712
Jay Foreman	RH	74 0	89 2	18,261	712
Nor&Gary Jackson	R&GrH	38 5	84 5	18 078	703
Leemon E Gaugler	RH	38 7	89 0	18 531	700
Theodore Schmelzle	RH	50 2	88 1	19 433	699
Simalot Holsteins	R&GrH	46 7	87 5	18,691	698
Larry&Mary Herman	RH	46 1	86 7	18 418	689
Harold Robson Jr	RH	54 9	88 6	19 074	686
Douglas W Lawton	RH	62 7	87 6	18,743	684
Charles&Doris Porter	RH	41 6	88 0	18 813	681
Chris Gaugler	RH	35 9	91 1	18,425	679
Richard Groover	RH	41 0	83 2	18 164	679
Gal&Dale Jackson	R&GrH	35 1	85 5	18,022	674
Dean Baity	RH	55 4	86 7	17 556	674
William Wilcox	RH	43 8	88 6	18,761	672
Stephen E Bolt	R&GrH	72 0	86 7	19 136	667
Eugene Sargent	R&GrH	40 5	89 9	17 819	661
Thomas Groover	R&GrH	27 1	85 4	17 478	660
Bernard G Courtney	RH	131 7	86 9	18 236	659
Robert Shanley	RH	65 2	85 6	16 854	650

Denotes 3 times a day milking

OWNER NAME OR NUMBER		% DAYS IN MILK	LBS MILK	% FAT	LBS FAT
Bernard Courtney					
100Fran	7 3	305	25 811	4 3	1118
82Marc	7 2	305	26 286	3 2	832
120Bett	2 6	305	19 288	4 0	764
Glenn Bowen					
Val	6 4	305	24 588	4 5	1095
Ginger	6 4	305	24,951	3 9	979
Lucy	9 1	305	21 975	3 7	807
Jay Foreman					
#240	9 1	305	23 644	4 4	1045
#280	7 7	305	20 430	4 0	816
#226	9 5	305	23 341	3 4	803
Harold Robson Jr					
Patsy	6 6	305	23 455	4 1	957
Robbin	5-4	305	23 500	3 8	904
Ann	4 3	305	23 931	3 4	821
Douglas W Lawton					
#343	6 2	305	26 847	3 5	940
#302	8 2	305	20 489	3 9	791
#365	5 2	305	23 262	3 4	781
#388	4 2	305	20 955	3 6	759
David Weaver					
Abby	6 10	305	22 991	4 1	935
Simalot Holsteins					
Treasur	5 9	305	24 343	3 8	924
Korleen	11 9	305	20 063	4 0	795
Luv	4 2	305	22 947	3 4	791
Chris Gaugler					
Mitzi	4 8	305	22,304	3 9	865
Bess	9 2	305	22 642	3 5	795
Allens Bros					
Bertie	5 6	305	22 111	3 8	848
John S Bennett					
Shirley	4 6	305	23 322	3 6	846
Danny E Stevenson					
#105	6 8	305	15 744	5 4	845
#117	8 1	305	19 521	4 3	842
#11	7 7	305	24,809	3 4	840
#104	7 9	305	21 386	3 6	780
Verne W Bowen					
Irene	7 5	305	21 923	3 8	834
Stephen E Bolt					
Audrey	4-1	305	25 435	3 3	831
Mimi	7 0	305	22 476	3 4	774
MIC Realty					
Rosette	5 3	305	22,985	3 5	807
Jody	3 3	305	19 433	4 0	777
Thomas&Deb Kerr					
Chime	8 1	305	17 695	4 5	799
Monte Dairy Farms					
#88	7 7	305	23 690	3 3	790

(Turn to Page D36)

Dauphin Co. DHIA

(Continued from Page D32)

94	4 2	16,360	3 8	627
Wil Lene Farms				
35	4 4	16 299	4 1	675
76	3 6	20 070	3 4	684
Roy C Wilbert				
Elsie	3 11	18,616	3 7	695
Oel Dell Farms				
1	5 7	16,545	4 0	661
A Grand View				
42	3 7	17 363	3 7	647
110	4 4	16 025	4 2	672
115	3 1	17 010	3 6	605
136	4 11	17,325	4 0	688
157	8 5	18 599	3 6	677
Noah W Sauder				
99	5 2	16 447	4 1	671
S 1	8 7	17 106	3 5	600
Arthur Brandt				
Nig	7 6	18,540	3 8	702
Sue	3 9	14,301	4 4	624
93	3 3	17,611	3 6	634
Elwillo Farms				
7 G	4 11	15 975	4 0	635
60	5 4	18 944	3 8	717
39 R	3 4	14,877	4 2	623
1 R	2 3	18 493	3 6	661
Dale F Faust				
O 5	2 4	15 197	4 2	631
Alwine Farms				
Hazel	5 5	16 342	4 1	662
Tessie	5 9	19,316	4 1	798

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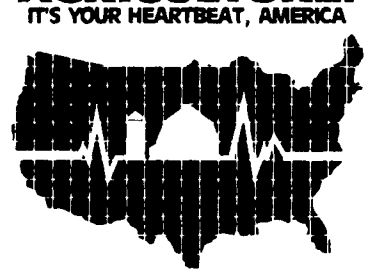

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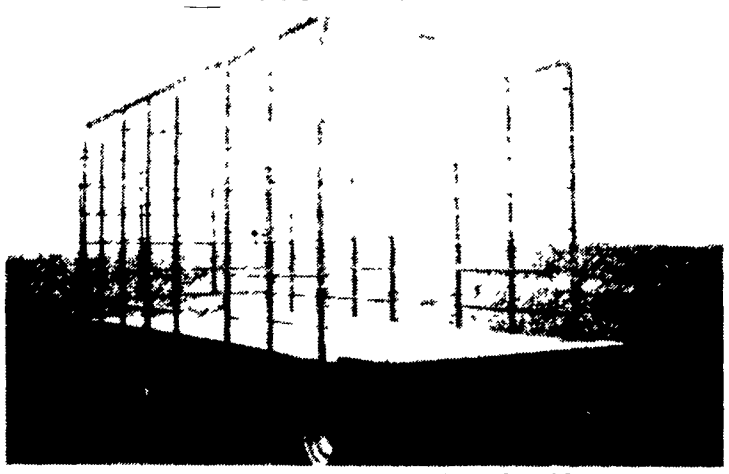

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with or without running gear
• Also will fit sides onto your flat wagon

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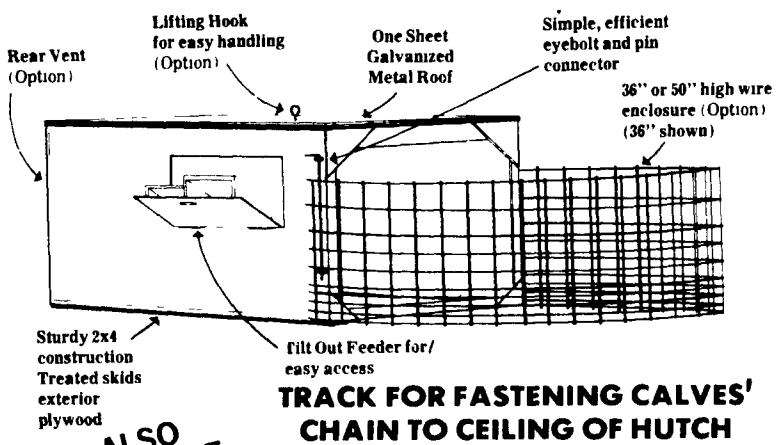
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20% to 30%	3 lbs per ton
Baled Hay	3 lbs per ton

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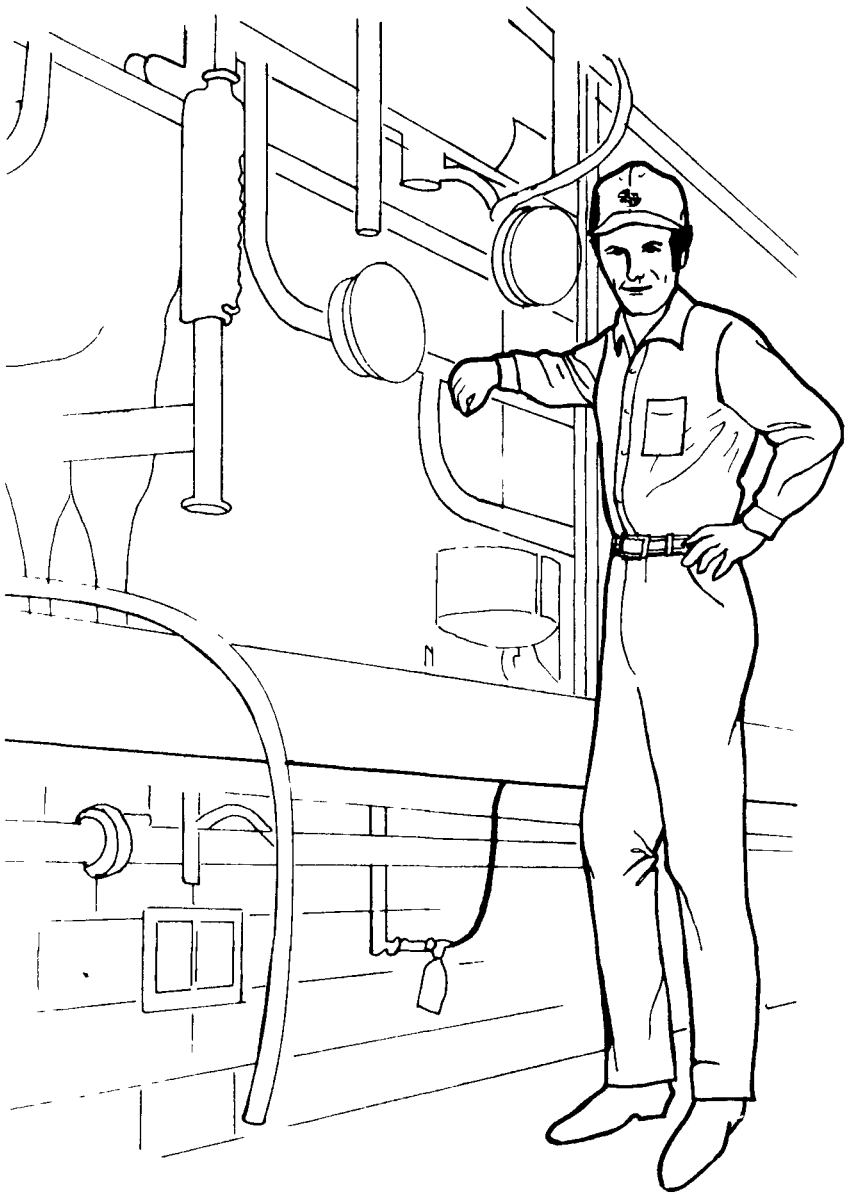

Security in an unstable market A far-fetched hope? Not for Inter-State Milk Producers' Cooperative members

The times haven't changed that much Since Inter-State was founded in 1917, dairy farmers have worried about guaranteed markets and price Their concerns are the same in 1984

This six-state, 3200-member regional dairy cooperative marketed 2.51 billion pounds of milk in 1983 All without a member having to wonder if the milk truck would arrive That's security . and good planning

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Although problems haven't changed, Inter-State has A dynamic organization, Inter-State has progressed from an agent for members to a full-service cooperative The addition of balancing plant and laboratory enables Inter-State to better serve members

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Continuity in leadership has helped Inter-State maintain a posture of stability and innovation The vision of those leaders made Inter-State a charter member of the National Milk Producers Federation Today, Inter-State still helps develop national dairy policy, both in the Federation and on Capitol Hill

Best for All Dairymen

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USDA accepting applications from noncertified egg producer groups

WASHINGTON, D.C. — Egg producer groups that want to nominate members and alternates to the American Egg Board must apply to the U.S. Department of Agriculture for certification by June 15.

H. Connor Kennett, an official with USDA's Agricultural Marketing Service, said only egg producer groups certified by the secretary of agriculture will be allowed to submit nominees. After the organizations are certified, USDA will aks for nominations to fill the two-year terms of nine members and their alternates whose terms expire at the end of 1984. Half of the membership of the board is replaced each year.

Kennett said organizations already certified need not reapply. During the summer, certified organizations will be mailed information on how to nominate people.

The 18-member board administers the producer-sponsored national research and promotion program designed to strengthen the egg industry's position in the marketplace. Activities are carried out under the research and promotion program authorized by the Egg Research and Consumer Information Act.

Certification forms and information on eligibility are available from Janice Lockard, Poultry Division, rm. 3955-S, AMS, USDA, Washington, D.C. 20250. Phone (202) 382-8132.

Tioga Co. DHIA

(Continued from Page D34)

Vernard Watkins					
Tillie	3 3	280	14,394	5 5	790
Buffey	5-0	305	18,644	4 1	770
Dummy	3-4	305	12,914	5 9	762
John&Eileen Rieppel					
#56	4-3	305	20,868	3 8	786
L&J Holsteins					
Tops	7 8	296	23 904	3 3	784
Charles&Doris Porter					
Cathy	4 2	305	20,668	3 8	782
RA&Kathleen England					
Belinda	3 9	304	22,187	3 5	781
Leemon E Gaugler					
Pebbles	5 10	305	19 854	3 9	777
Sharlene M Clark					
#58	7 1	305	20 375	3 8	774
Gordon M Wood#1					
Oriole	10 8	305	23 765	3 2	770
Jim W Welch					
Gin	11 4	305	19 379	3 9	755
Dale E Allen					
#326	4 5	305	19,756	3 8	754
Spring Valley Farm					
#82	8-6	305	19 191	3 9	753

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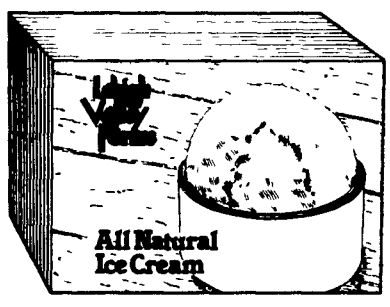

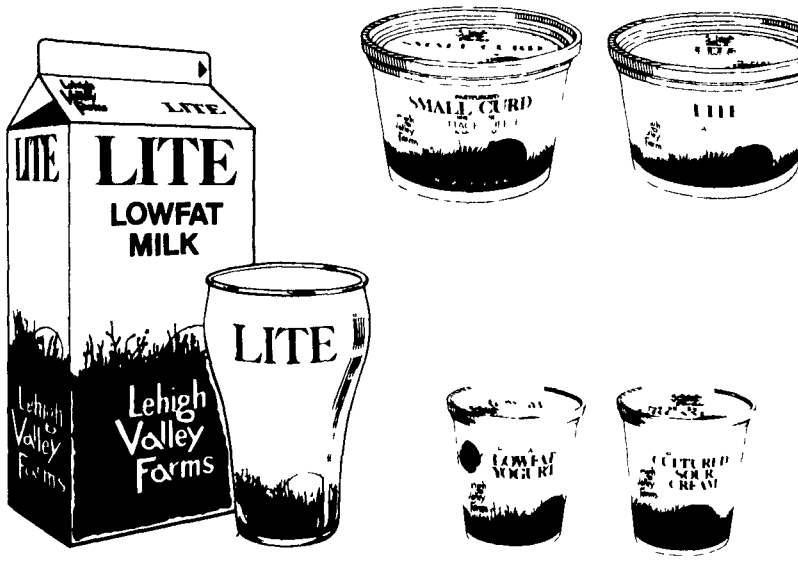

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'Killer Bees' still heading north

NEWARK, Del. — Aggressive Africanized bees that escaped 28 years ago from a laboratory in Brazil have now spread as far north as Panama and Costa Rica. A University of Delaware entomologist, Dr. Dewey Caron, has gone to Panama to assess the situation and collaborate on research that might ultimately help minimize damage.

As the Africanized bees move northward, they interbreed with local bee populations and pass on their aggressive characteristics. They swarm frequently, provoke easily, and tirelessly pursue anyone that disturbs them. These aggressive qualities have earned them the nickname "killer bees." Barring a research breakthrough, the bees are expected to reach the United States within the next five years. They might ultimately survive as far north as Delaware, so anything Caron learns in Panama could prove useful here.

Caron first begun studying the Panamanian beekeeping industry in 1981, before the Africanized bees arrived. Since then he has seen the bees caused serious problems for the general public, farmers, and beekeepers in particular.

Bee stings have become a public health problem in Panama. People have been hospitalized from stinging "accidents," with children, the sick and the elderly at particular risk. Although the average adult can withstand 500 or more stings, even a single sting is too much for the 1 percent of the population that is allergic to bee stings.

Chickens and other small animals have died from too many stings, and even large animals have been affected. Tethered horses have lost their lives from bee attacks.

Rural Panamanians depend heavily on horses for transportation and agriculture, and the loss of one is serious indeed. But to attempt to untie a horse being attacked by killer bees is to risk one's own life.

Since the coming of the Africanized bees, farmers have also lost valuable pollination services. To pollinate some crops, such as orchard fruits, farmers generally rent bees from beekeepers because orchards must be smaller and farther apart for successful natural pollination. But the Africanized bees are driving beekeepers out of business, not only because they're harder to handle, but also because they produce less honey, making them less profitable. Banks are no longer willing to lend money to beekeepers, since the enterprise has now become risky. Before the bees arrived, Panama exported honey. Now honey production is down 50 percent, and the country cannot produce enough to meet its own needs.

In Panama, Caron will help beekeepers learn to adapt to the Africanized bees by taking more safety precautions, having more

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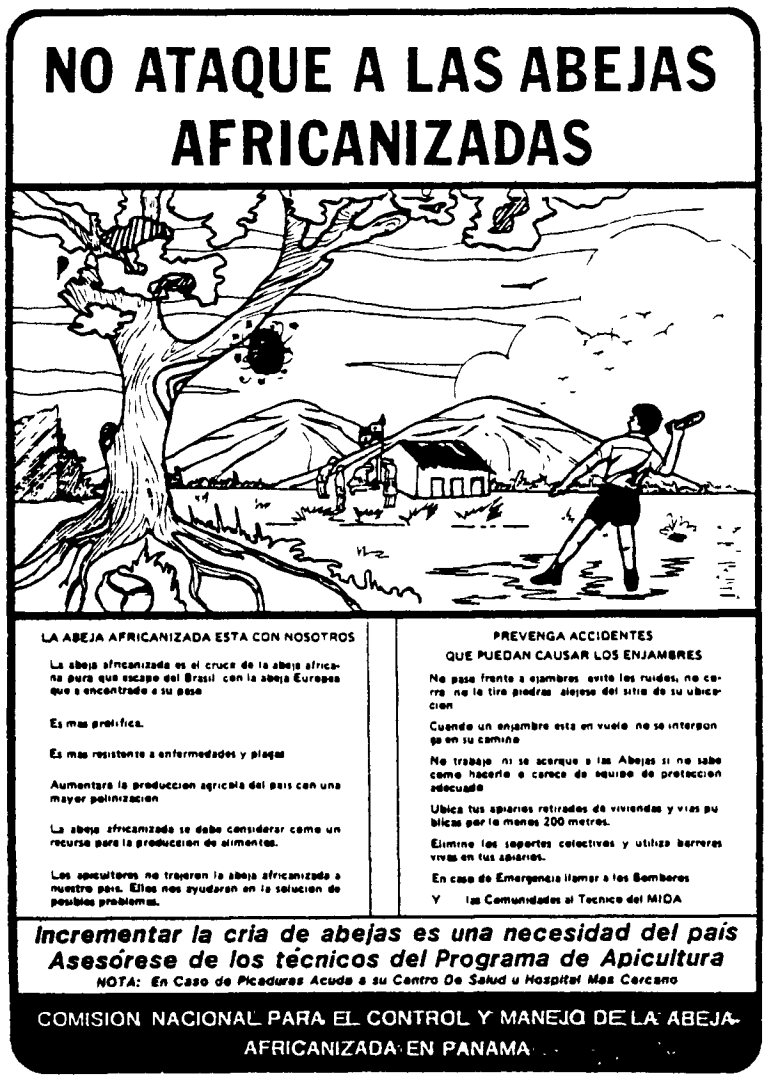
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No trabaje ni se acerque a las Abejas si no sabe como hacerlo o carece de equipo de proteccion adecuado
Ubica tus apiarios retirados de viviendas y vias publicas por lo menos 200 metros.
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This Spanish language public safety poster warns Panamanians to steer clear of Africanized bees.

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Clinic facilities include a laboratory for microscopic examination of diseased plants. The lab can also isolate and grow plant pathogens (disease organisms). The clinic is also equipped to diagnose plant problems caused by fungi, bacteria, nematodes, viruses, and air pollutants.

Available to anyone with plant problems, the clinic operates within the Department of Plant Pathology, College of Agriculture. It complements the regular soil and foliage testing laboratories. Managing the facility is John D. Peplinski.

Peplinski and associates examine plants for symptoms of damage. Once causes are determined, controls are recommended whenever possible. The staff includes all Extension Service specialists in the Department of Plant Pathology.

If the plant pathology staff finds that diseases and air pollutants are not involved in a problem, then extension specialists are consulted in other departments — entomology, agronomy, horticulture, or forestry. The Penn Staters also cooperate with several other university clinics in the Northeast to help understand and solve plant problems.

Peplinski stresses, however, that the keys to solving plant problems are good samples and complete background information. Therefore, persons are strongly encouraged to use Plant Disease Clinic kits to send in samples. The kits are free, and can easily be obtained at any County Extension Office or directly from the Plant Disease Clinic, 218 Buckhout Laboratory, University Park, PA 16802. The kits contain instructions for preparing and mailing samples to the clinic.

The clinic receives specimens from commercial operators and homeowners alike. About 2,000 specimens are processed by the clinic each year. A computer information system is used in the clinic to store and retrieve the information on total specimens received, and other information about individual samples.

"Listings of specimen records can be produced," Peplinski said, "whenever people request information regarding certain diseases or crops. For example, if a listing is needed for all tomato samples received by the clinic, we can print this list with our computer terminal."

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Killer Bees

(Continued from Page D38)

isolated apiaries, and using new management methods that require less contact with the insects. Beekeepers must also start selecting for milder characteristics by eliminating colonies that are especially aggressive. Convincing them to do so will be difficult, because with honey production down, beekeepers are reluctant to eliminate any of their bees.

Many questions remain regarding the Africanized bee. Caron is collaborating with faculty members at the University of Panama to learn more about why the Africanized bees are so aggressive. To what stimuli do they react? How can dangerous situations be avoided? And how can their genetics be changed to make them more like the northern European bees we're used to? These are questions we hope will be answered soon, for the Panamanians' sake and for our own.

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Land squeeze prompts switch to Jerseys

BY JUDY HULL
Staff Correspondent

LITTLESTOWN — Rumor has it that bib overalls and straw hats are still the preferred work clothes for farmers. That makes Ginger Myers mad.

"Children's books still show farmers wearing plaid shirts and straw hats and carrying a milk bucket. I tell my own children that just isn't how it is," she says. She also would like to tell the rest of the world.

A fine example of the new generation of farmers, John and Gingers Myers own and operate Green Manor Farm, a Guernsey - Jersey farm near Littlestown in Adams County. And while they purchased Green Manor because it was John's grandfather's farm and they wanted to carry-on the family heritage, their ideas about dairy farming are anything but nestled in the past.

"We must be very efficient for the amount of land that we have," John says. Their next door neighbor is a non-farm family and plans are in the works for a housing development to be built just down the road.

This "tight" land situation, plus several other factors, figured in the Myers' decision to add Jersey cows to their farm operation. "There have always been Guernsey's on this farm," John says. "The Jerseys, however, are more efficient, require less feed input, less storage, less manure, and less use of our equipment. We can get the same profit out of a (Jersey) cow that consumes less," he adds.

Although the couple are firm believers in the Jersey breed and are thoroughly educated about the breed, they are quick to add that they have nothing against Guernseys or Holsteins.

"Ninety-two percent of the cows in this country are Holsteins," Ginger says. "We have nothing against them. We just feel that the market is changing and is demanding a higher solids producing cow."

The Myers' see the increase in the popularity of Jerseys as a trend in the dairy industry. "Jersey sales are up and their value has held real reasonably," John says. "They have a lot of promotional material, their journal is excellent and the selection of AI bulls is tremendous," he adds.

They started building their Jersey herd by purchasing four or five cows. Today they milk 55 Jerseys and 10 Guernseys.

Like all dairymen, the Myers' are concerned about the price they get for their milk. They are proponents of Equity, a Jersey breed program, and end product pricing. But they feel more has to be done if the dairy farmer is going to get the most for his product.

"We are really behind in marketing. Too many dairymen out there still don't care enough. We have to be concerned - we are in the problems we are right now because of it," Ginger says.

"For a long time the government support programs made it (farming) profitable," John adds. "Now we must be concerned about what we get."

"Agriculture is so specialized now. It's no longer just enough to produce it, we must try to get the most for it," Ginger emphasizes.

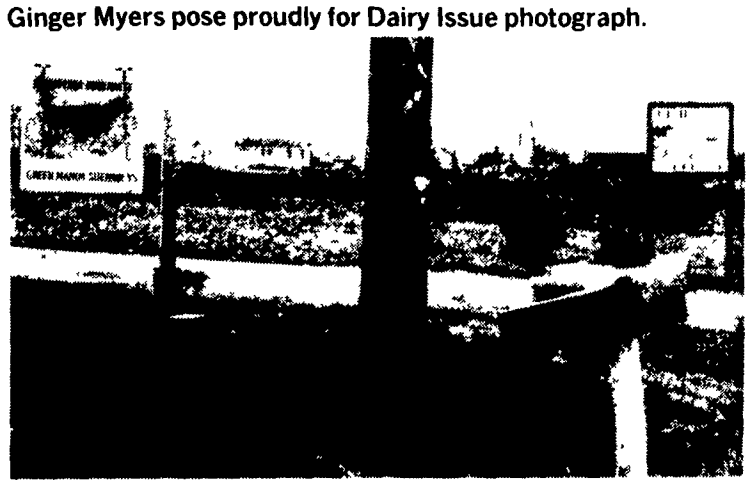
Ginger and John Myers, with daughter Susie, are shown among their mixed herd of Jerseys and Guernseys on their farm near Littlestown, Adams County.

Jerseys of John and Ginger Myers pose proudly for Dairy Issue photograph.

Calves, Bossman and Soldier Boy, are kept in hutches during first eight weeks.

Dairymen, they say, must think in terms of "eating milk" and not "drinking milk." "We need a general term - dairymen," Ginger says, who produce high protein milk. Consumers, she continues, must be educated about milk's protein content as well as fat content.

John describes his Jersey cows as "tenacious." "They will eat anything you give them," he says. He adds that they usually have no appetite problems and as a result, he experiences less feed waste. The Jerseys also have no problems calving, according to John.



Green Manor Farm boasts two signs — one for Jerseys and second for Guernseys.

Counter-slope heifer barn on the Green Manor farm of John and Ginger Myers permits easy removal of manure and sloping roof helps to keep replacement stock cool in summer and warm in winter.

The Myers' say that priority for selection of bulls in service at Green Manor is PD dollar value. Jersey bulls currently in service are Quicksilver Magic of Ogsten, A-Nine Top Brass, Briarcliff Soldier Boy, Briarcliff Black Magic, Shadewell Fascinator and Sandblow Warrior. Guernsey bulls include Maurana Wis Telestar, Welcome Choice Admiral, and Kellogg Choice Pender.

In 1981, the Myers' sold Green Manor Legacy to the Legacy Syndicate for $7,000. This is the first syndicated bull which they sold and semen is now distributed in 14 states.

While they are sure they could hold jobs in other professions (Ginger holds a teaching degree) the Myers' are convinced that dairy farming is right for them.

"We feel that our best talents are being used right here," Ginger says. She adds that farming for them is family oriented and challenging.

Attesting to this commitment to the industry, both John and Ginger are active in numerous dairy and farm organizations. "We try to stay involved in activities that compliment each other," Ginger says. These include being involved in organizing the 1985 National Jersey Convention which will be held in Lancaster, and holding membership in the Pennsylvania Jersey Cattle Club and the Cumberland Valley Jersey Breeders of which Ginger serves as secretary. John is president of the local chapter of the Mid-Atlantic Guernsey Sires and the York-Adams Guernsey Breeders Association. Ginger is also a 4-H leader and a coach of the dairy judging team and is an approved judge for the PBCA. The family also holds membership in the Pennsylvania Farmers Association.

Clearly, the Myers' are doing their part to dispel the myth that farmers need only a contented cow and three-legged stool to make it in the dairy business.

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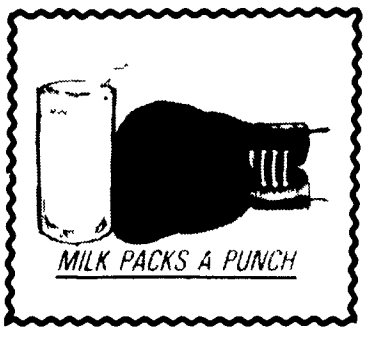

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Foraging Around

By Dr. John E. Baylor
Director of Market Development
Beachley-Hardy Seed Company

High yields of alfalfa, 8 tons or more per acre, in Pennsylvania are no longer a myth. They're a reality - as proven by 7 years findings in the Pennsylvania Alfalfa Growers' Program. Data gained from the program also clearly shows that producers with high yields generally have lower unit costs and higher net returns per acre compared with low yield producers.

But high yielding, profitable alfalfa stands don't just happen. They're the result of putting a lot of production know-how to work. And a sound fertility program is certainly an important link in your alfalfa production chain.

To begin with, a sound alfalfa fertility program must include lime. Alfalfa has a sweet tooth. It struggles in "sour" or acid soil and thrives in "sweet" soil. It may grow at a lower PH, but, for many reasons, it yields best when the PH is 6.7-7.0. And, based on many years of research, best results come from correcting your PH problem well in advance of establishing the stand.

So much for lime. Just accept the fact it is important.

Let's turn our attention to several of the important plant nutrients required to grow a good alfalfa crop.

It's well known that those 7-8 ton yields remove lots of plant nutrients. How much? Look at the nutrient uptake in the following table at several yeild levels as summarized by L.L. Lanyon from 5 years data in the Pennsylvania Alfalfa Growers' Program.

Yield Group (tons/A @ 10% H_2O	lbs. removed/acre						
	N	P_2O_5	K_2O	Ca	Mg	S	B
up to 4	203	51	229	88	15	16	.20
4 - 5	226	66	301	108	19	20	.25
5 - 6	313	78	352	132	24	25	.30
6 - 7	373	92	423	145	26	29	.33
7 - 8	429	108	503	167	30	34	.37
over 8	499	124	585	202	35	42	.43

It's obvious that the uptake of nitrogen (N) and potash (K_2O) is the greatest of all nutrients. Of course, alfalfa is a legume and is among the most efficient fixers of N from the air. Thus N rarely limits alfalfa production.

Potash, however, which is taken up in even larger amounts, must come from the soil. Thus, if soil fertility and 7 to 8 ton alfalfa yields are to be maintained, these heavy demands for potash (nearly 65 lbs. removed per ton) must be anticipated and incorporated into the soil fertility program on your farm.

Phosphate (P_2O_5) is also very important to profitable alfalfa production. Even though uptake is only about one-fifth as much as for N and K_2O (about 15 lbs. per ton of P_2O_5) you must provide for phosphate needs in your alfalfa fertility program.

Alfalfa also takes up calcium (Ca), magnesium (Mg), and sulfur (S) in substantial amounts which in the harvested forage are more than doubled as top yields are achieved. Sufficient quantities of Ca & Mg have often been indirectly maintained through a good liming program. In the past, sulfur has been added to many soils when ordinary superphosphate was applied. In general this source of sulfur may no longer be significant. Thus, sulfur status is one you should watch, especially on coarse-textured, low organic matter soils or those that do not receive manure.

The uptake of the micronutrient boron (B) looks, and is, small compared with the so called major nutrients. But boron is very important and needs to be applied annually to your alfalfa crop in order to achieve maximum production.

Let's put this all in perspective in terms of a fertility program for top alfalfa production.

To begin with top producers in the alfalfa growers' program used soil tests as their guide to developing a sound long range fertility program. And soil tests from many of the fields in the program indicate a high level of fertility at the time the alfalfa seeding was made. Furthermore, most top producers, mainly dairymen, used lots of cow manure in the corn phase of their corn - alfalfa rotation, assuring high levels of potash in the soil.

Results from the program, together with several research studies, indicate that for top yields and long lived stands (based on nutrient removal) you should apply up to 100 pounds of phosphate and 400 pounds of potash per acre annually. That's more than is generally recommended for yield levels of 5 to 6 tons per acre. There is evidence to suggest at these rates split applications of the potash, after first and last cutting, results in more efficient use of this nutrient.

Boron at the rate of 2 to 3 pounds per acre should also be applied on an annual basis.

Based on cost of production records form the alfalfa growers' program, fertilizer represents nearly 20% of the annual cost of growing an acre of alfalfa. But there's also plenty of evidence to suggest you can expect a $2 - $3 return for each dollar invested in a sound fertility program.

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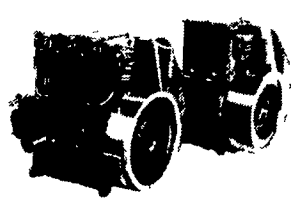

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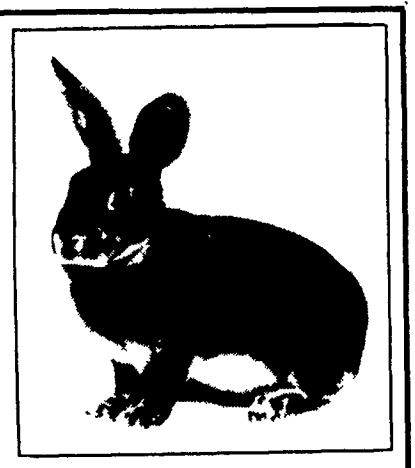

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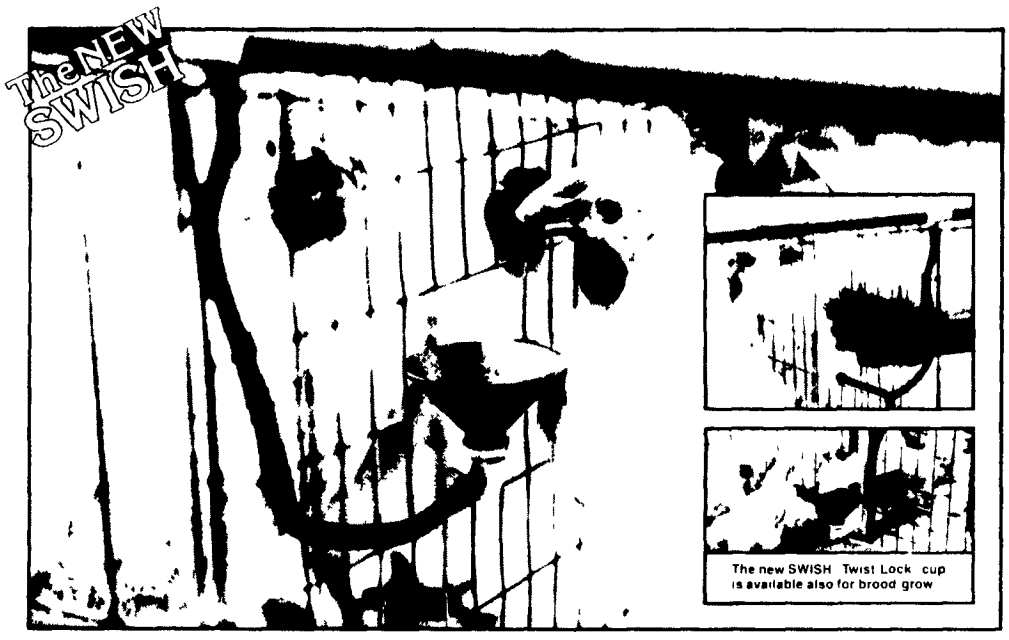

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Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

May Report

OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	LBS FAT
Elam G Hoover	B3	62 4	89 5	14,345	512
Keith E Hertzog	B3	46 6	87 0	13,945	512
David Clare	2	39 7	82 2	10,883	511
Ralph&June Hoffman	8	29 1	82 4	13,055	508
Roy Hoppes	B3	43 1	80 8	13,706	499
Donald Stofflet	B3	54 2	86 2	13 560	497
Dennis Adam	B3	87 9	84 5	13,154	497
Poplar Drive Holstein	B3	44 7	86 9	13,322	496
John F Snyder	B3	56 6	82 3	13 912	495
Daryl Michele Kunke	B3	30 9	85 3	14,371	494
Phillip Wisser	B3	28 6	83 8	13,618	494
Ralph&John C Blatt	B3	88 1	87 8	13,018	492
Harry A Lutz	G3	25 1	85 5	12,439	491
JD Rosenbaum&Son	B3	72 0	88 6	14 100	491
Russell H Haas	G3	54 4	82 5	13,682	489
Jerry A Krone	8	30 9	81 2	11 784	488
Evan La Follette	B3	92 0	86 3	13,506	487
Kenneth Kunkel	B3	46 6	87 2	14,095	487
Herb Top Farms Jer	4	16 5	77 9	12,498	482
Bell Acres	G3	24 7	87 4	12,727	480
Louis E Moyer	3	57 8	79 0	13,243	480
Calvin Zerbe	B3	32 9	82 6	13,131	477
Ronald Weyer	B3	55 5	83 2	12,792	477
Norman Z Nolt	3	37 3	79 8	13,000	474
Edward R Haas	G3	37 7	90 7	13 305	473
George Stein	B3	131 3	84 3	12,685	472
Richard Schlegel	B3	53 6	82 0	13,109	469
Witchcraft Dairy	B5	11 9	86 8	11,534	469
Harold L Miller	B3	66 9	85 0	13 098	457
David Risser	B3	45 7	83 0	13,197	449
Clarence E Kreider	B3	77 2	87 2	11,830	448
Bruce D Cammauf	B3	18 0	78 4	11,984	446
Harry Crossley	B3	162 4	92 0	10,711	442
Nick R Sattazahn	B3	41 0	85 6	11,098	434
Dynasty Holsteins	B3	250 1	78 2	11,906	431
W Dreibelbis&Sons	2	50 1	80 0	9,581	427
Ronald L O Neil	B3	44 0	84 8	11,318	425
Stanley Deisemann	B3	39 4	80 7	11,285	422
Samuel G Yoder	8	72 1	85 2	11,069	413
Roy Y Stoltzfus	B8	82 8	82 3	9,329	407
Herbert Moyer	B3	42 5	84 0	10,837	406
Jacob G Leiby	B4	26 7	86 8	8,221	390
Melvin Stauffer	B3	46 3	85 0	10,281	376
James G Delong	B2	65 0	86 1	7,852	352
Kathie Rosse	0	2 8	92 8	2,272	101
Joanne Dominick	0	14 5	59 3	1,259	52
Robin H Najarian	0	13 6	53 0	1 199	45
Elvin Brubaker	B3	39 2	85 7	15,116	550
Charles E Wagner	B3	50 4	88 7	15,235	549
Ronald&Linda Knepp	B3	33 3	86 3	15,281	549
Eleanor K Siegfried	3	95 5	90 5	14,633	548
Carl H Rabenold	B3	61 3	81 4	15 056	548
Blue Mtn Academy	B3	120 6	88 1	15,978	547
Arlan D Davis	B3	39 0	83 3	15,027	544
Lynn E Stoudt	B3	79 1	82 8	16,219	542
Richard H Hoffman	B3	36 4	86 8	15,048	542
Ernest E Heckman	G3	51 9	85 6	15 021	541
Richard H Hoffman	B5	35 9	84 5	13,432	539
John Eiler	B3	49 5	83 0	14 453	539
Ro Ria Farms	B3	241 3	90 0	14 021	538
Dale H Wilson	G3	67 0	82 4	14,090	538
Robert Yanos	G3	58 8	85 7	14,368	534
Mark & Debra Johns	3	46 2	86 3	13 980	533
William W Herbert	B3	60 8	85 3	15,133	533
Earl R Hafer	B3	87 7	88 0	14 733	531
John R Lash	B3	54 4	88 4	13,970	530
Jacob Bootsma	3	67 3	85 6	14 567	529
Robert E Kieffer	B3	61 6	89 3	16,110	528
Harry P Shaak	B3	116 6	84 2	13 668	526
Harold Dietrich	B8	39 9	85 5	13 726	525
Harold N Miller	B3	35 3	86 3	15 057	525
Donald E Landis	3	129 2	88 2	14 369	525
Triple Z Farms	B3	85 2	81 8	15 116	522
Bruce Reigel	G3	41 0	87 2	13,180	521
James H Adam	B3	120 4	86 6	13,437	520
David L Phillips	4	46 1	83 0	11 048	519
Luke Snyder	B3	50 7	88 3	13 883	517

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Juniata County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

March Report

Records were calculated for 5,298 cows in 107 herds

The 10 highest Rolling Herd Averages for the most recent 12 months of production are

James C Graham	31H	87 8	19 700	768
Barry E Lucas	39H	85 4	18 718	756
Mark L Zook	53H	89 0	19 773	754
Harold B Shearer	39H	85 6	19,657	746
Kenneth P Deamer	54H	89 0	18 904	700
Russell J Dressler	36H	84 9	17,372	698
W Harshbarger & Sons	42H	86 7	17,163	695
Charles C Saner	56H	86 0	18 041	695
Larry & David Noss	61H	85 8	18,403	691
Rick & Ralph Saner	48 H	86 1	18 940	691

Three hundred ninety one cows completed records of 305 days or less One of these cows produced over 1100 lbs of butterfat, 3 produced over 900 lbs 14 produced over 800 lbs , 44 produced over 700 lbs 89 produced over 600 lbs and 83 produced over 500 lbs

Dairy cows which completed lactations with an average butterfat of 850 pounds or more are listed below The owner's name and address cow's name pounds milk and pounds butterfat are given in order

Marvin E Pontius		
Bertie	24 353	1163
Glen B Simonton		
200 Dana	20 646	934
Mark L Zook		
Hattie	26 024	931
Charles Wochley		
9	22 197	919
S F Metz		
Portia	22 366	872
James C Graham		
Lois	25 714	866

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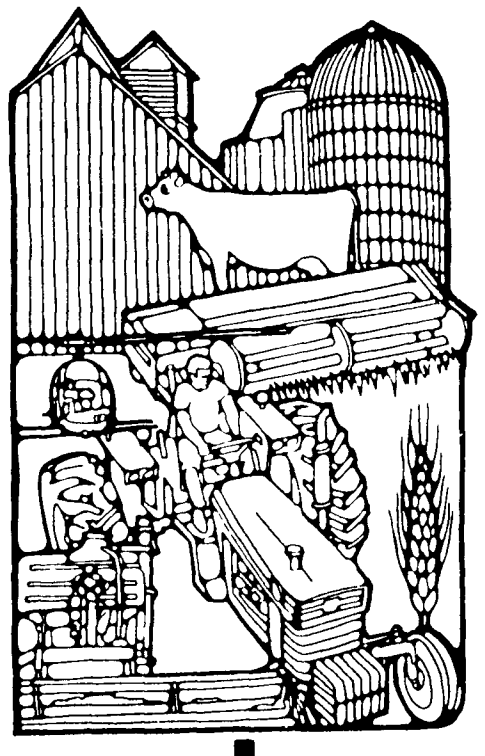

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A lifetime of helping people help themselves

By Doris Crowley

NEWARK, Del. — Dr. Samuel M. Gwinn, director of the Cooperative Extension Service of the University of Delaware, will retire July 31 after a long career devoted to serving extension, including 22 years as director. He came to Delaware in 1948 as 4-H agent for Sussex County.

Over the years, Gwinn has seen the state change in many ways, and he has watched the extension service grow to meet the changing needs of its clients, the people of Delaware. When he arrived 36 years ago as an eager young county agent from West Virginia, most Delawareans still lived in rural areas and many worked on farms. Today, though agriculture remains one of the state's major industries, many farms have disappeared to make room for suburbs, shopping centers, and other urban development. Most of those that remain have become larger, and more specialized.

During a recent interview, Gwinn reminisced about his boyhood on a farm near Lockbridge, West Virginia, and retraced the route which led him to Delaware and a rewarding extension career.

"I grew up on a 200-acre general farm," he said. "We raised most of what we needed — corn, vegetables, soybeans, fruits, chickens, turkeys and geese. Potatoes were a good crop for us and a good source of income, though we didn't have big acreage. Our main income was from cattle and sheep, plus lumbering. My father worked as a coal miner and the rest of the family ran the farm. That was the way of life then for almost everybody."

There were seven boys and two girls to help with the work. "My grandmother lived with us and I learned a lot about the history of the Civil War from her. She was 20 years old when it started. I became a history buff as a result."

Like many others who grew up in rural America a generation or so ago, Gwinn attended a one-room school. He was 10 when he joined 4-H, encouraged by a teacher who knew the county 4-H agent. "I had the traditional project for a farm boy — corn, pigs, vegetables." He took part in judging contests, camps, fairs and other 4-H activities. And one year he attended the National 4-H Camp, which at that time was held in Washington,

(Turn to Page E7)

Dr. Samuel M. Gwinn will retire July 31 after 22 years as director of U. of D. Cooperative Extension Service. He came to Delaware in 1948 as 4-H agent for Sussex County.

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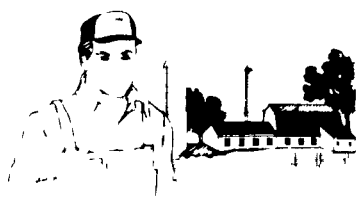

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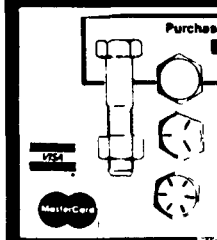

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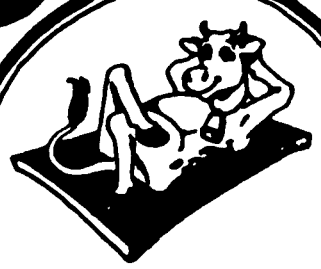

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Helping people help themselves

(Continued from Page E6)

D.C. (Delegates lived in tents on the mall in front of the U.S. Department of Agriculture building.) Through these experiences he got to know his county agents as well as specialists from the state university.

"That's what sparked my interest in an extension career," Gwinn said. "I liked these people; they were my role models. I greatly admired them because of their friendliness, enthusiasm, dedication and their deep desire to help others. And in the years since, I've never lost my love for extension or extension people."

He still keeps in touch with his 4-H agent. Now in her eighties, she has followed his career from the start.

After high school Gwinn earned a teacher's certificate and taught for two years in a one-room school. Then World War II came along and he joined the Army, serving in the infantry in Europe as part of Gen. George S. Patton's famous Third Army. Back home again, he entered West Virginia University where he earned bachelor's and master's degrees in agricultural education. "While I was in college," he said, "I spent all my summers directing county and state 4-H camps for the university."

And then he came to Delaware. In 1948, agriculture in the state was more general than it is now, though broilers were already an important commodity. The vegetable industry was much larger, with far fewer acres of corn and soybeans. Most of the vegetables were grown on contract for local canneries. Compared to now, there weren't many roadside markets; and there wasn't much beach development, certainly nothing like today's resort industry.

"Dairying was strong in all three counties, and milk was marketed in cans," Gwinn recalled. "This was before any development had taken place and most of northern New Castle County was dairy or general farms. There wasn't much of a nursery industry yet; in fact, greenhouses were almost unheard of — at least at Kent and Sussex counties. On the other hand, fruit production (peaches, apples and strawberries primarily) was quite important, with most of the orchards located downstate.

"Farming back then was less mechanized," he said, "though I don't remember seeing any horses or mules being used except on some small farms in Sussex County. Standard equipment on most farms was a tractor, plows, disks, harrows, a one-row corn picker and a binder for wheat and barley. Silos were mostly wooden and filled by hand." All this gradually changed as improved equipment and technology became available and farms got bigger and more specialized. As farmers depended less on hand labor, they were able to become more efficient and productive.

Three years after his arrival, Gwinn became state 4-H leader. He also assumed responsibility for directing the extension service's agricultural short courses. These ranged from a 10-week general course taught at the university to one- to three-day events held either in Newark or out in the counties. There was also an annual three-day conference on campus for young Delaware farmers.

"We covered everything except the kitchen sink," he recalled. The 10-week course focused on production — fruit, vegetables and grain crops, livestock and dairying. Instructors came from the universities of Delaware, Maryland and Rutgers, as well as the agricultural industry. Students came from Delaware, Maryland, Pennsylvania and New Jersey and lived on campus.

During this period Gwinn was also in charge of the agricultural college's Farm and Home program — a three-day event which took place on the Newark campus.

In the mid-1950s he took a leave of absence to attend the National Agricultural Extension Center for

(Turn to Page E8)

Hamilton Bank believes The Family Farm Is The Backbone of Agriculture On behalf of all dairymen we are pleased to salute the success of the Robert H Gochenaur Jr family at 419 Penn Grant Road, Lancaster Pictured (L to R) are C Wayne Creasy, Assistant Vice President and Manager of the Hamilton Bank Manor Street Branch in Lancaster, Boni the Lancaster County Dairy Princess for 1983–84, Naomi, Vonda, Robert, Scott and Bob Gochenaur and Darwin E Boyd Vice President and Director of the Agri Finance Department for Hamilton Bank The Gochenaurs have a 54 cow herd and farm 250 acres Their D H I A rolling herd average for the past twelve months was 20 263 lbs of production and 718 lbs of butterfat with a 3 5% test Congratulations on a job well done

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Helping people help themselves

(Continued from Page E7)

Advanced Study at the University of Wisconsin. He received a Ph.D. from there in 1958 and the following year was named assistant director of the Cooperative Extension Service. He was promoted to associate director in 1961, and became director a year later. In that capacity he has guided extension agricultural, home economics, 4-H and rural development programs for more than two decades.

Over the years Gwinn has served on many local, regional and national committees, including the Governor's Emergency Planning Committee, State Agricultural Stabilization and Conservation Committee, State Forestry Advisory Committee, and Agriculture and Food Council of the U.S. Department of Agriculture. He also served two terms on the national Extension Committee on Organization Policy (ECOP) representing the Northeast directors, and has been a member of many university committees including the Commission on Lifelong Learning.

He is a member of Alpha Zeta, the agricultural honorary fraternity, and Epsilon Sigma Phi, the national honorary extension fraternity. In 1978 he received the state distinguished service award from the Delaware Chapter of Epsilon Sigma Phi.

Looking back, Gwinn pointed with pride to the achievements of extension agents and specialists who, during his tenure as director, have assisted individuals, agribusinesses and rural communities throughout Delaware.

To Sam Gwinn the strength of the Cooperative Extension Service lies in its organizational setup, with the land grant college as its main knowledge base, and a staff of dedicated, well-trained professionals to communicate this knowledge to those who need it.

"Our job is education," he said. "It's all summed up in helping people help themselves. My varied experiences in Delaware have made me appreciate more fully the real benefits of extension education as it takes place at the grassroots level. I'm totally convinced that extension's informal educational system will continue to be the most successful system in the world for providing helpful and practical information on subjects related to agriculture, 4-H youth and home economics — and encouraging people to apply it."

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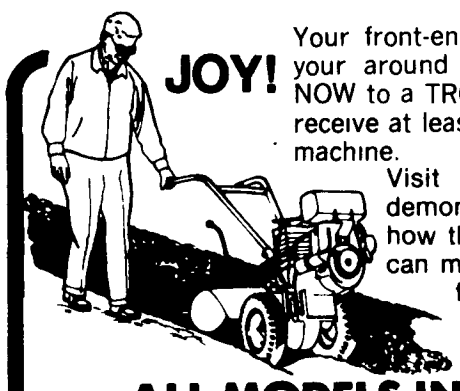

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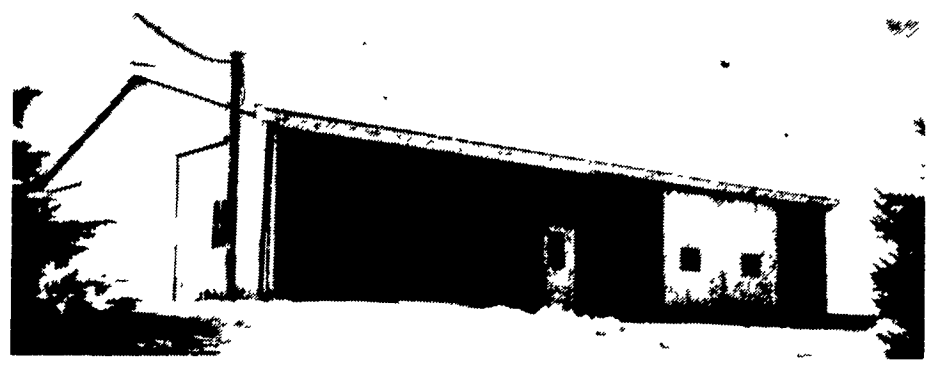

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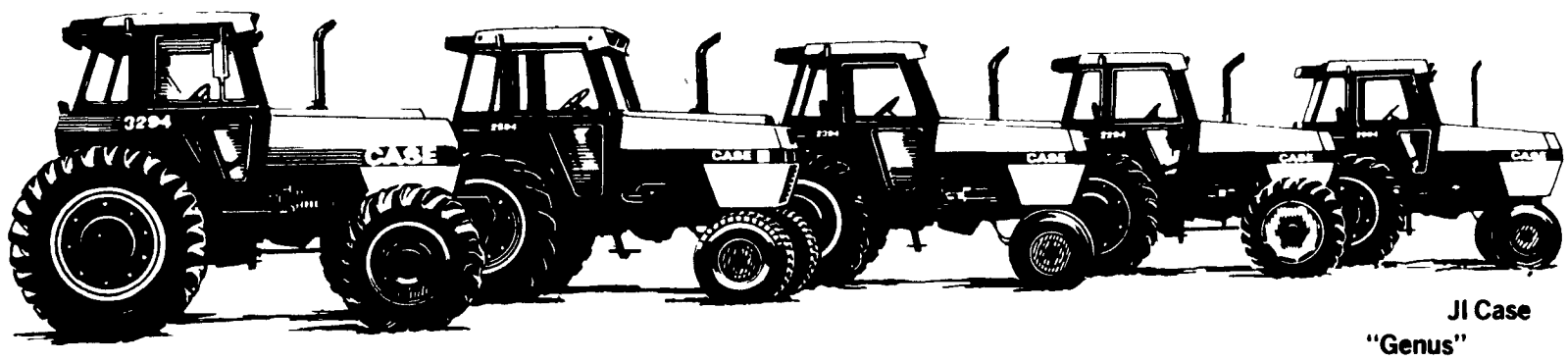

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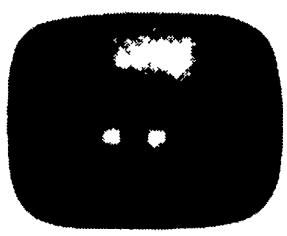

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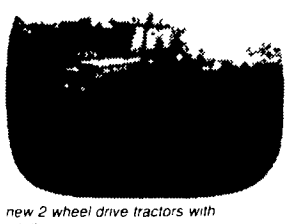

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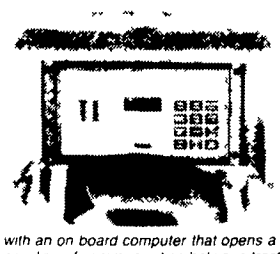

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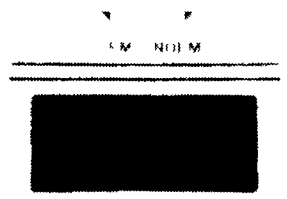

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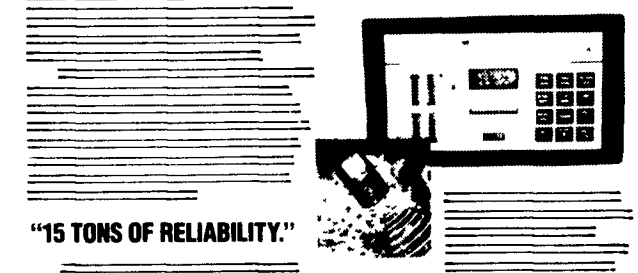

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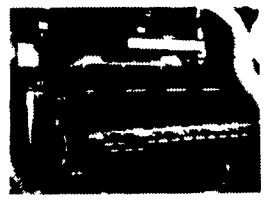

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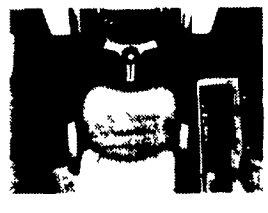

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Let's have modern, accurate milk fat test

BY GEORGE HAENLEIN
Extension Dairy Specialist
University of Delaware

For this first column I'd like to focus on a problem that's been costing dairy farmers money for a long time - milk fat tests. Or, more precisely, the correct fat test for a milk shipment from the farm to the processing plant.

Let's assume you have a herd of 100 Holstein cows that produce an average 40 pounds of milk per cow, filling your 4,000 pound milk tank daily. You'll get 13 cents per pound for that milk if the fat content is 3.5 percent. This gives you a daily gross income of $520, from which, of course, you must pay all your feed, labor, utilities, veterinarian, taxes and other expenses.

If the milk in this 4,000 pound tank tested 4.0 percent instead, you'd receive $552 - or $32 a day more - for its contents, because of the $0.0016 fat differential for each one-tenth percent milk fat per pound above the 3.5 percent standard. Assuming your production costs remained the same, this daily increase of $32 would translate into a handsome $11,680 by the end of the year.

Looked at this way, the fat test level of the milk in your farm tank becomes an economic problem of considerable importance not only for you, the producer, but also for the processing plant which buys milk from you and other farmers.

Accurate test

Considering the money involved, it's easy to understand why the issue of accurate fat tests has been a bone of contention and suspicion between the farmer and the processing plant for a long time.

The controversy is based, of course, on the fact that fat and milk don't normally mix, but continually separate. The fat, in the form of cream, rises above the milk because it's not soluble in that aqueous medium and has a lighter specific gravity. This means it must be mixed back into the rest of milk manually or by machine for

even distribution and for accurate sampling. It takes time to do this – at least 5 minutes in a full 4,000 pound tank.

Milk is hauled from the farm in tank trucks which pump the farm tank empty. Before he loads up, the driver must get an accurate volume measurement on that milk and take a sample which will be analyzed later to determine its fat content. How does he collect that sample? **Manually**, as he and other drivers have done for the last 30 years.

Procedure

First, he reads the dipstick in the quiet tank to record the exact number of pounds of milk there.

Next, he turns on the agitator to mix the milk and fat. He must then wait at least 5 minutes to allow for complete mixing.

After that he lowers a dipper into the full tnak and collects his sample for later laboratory analysis.

Finally, he's ready to pump the tank empty and proceed to the next farm.

It's obvious that this manual system for recording, sampling and testing is full of potential human errors, errors which can translate into substantial amounts of money lost by either the farmer-producer or the milk processor. Given the technical and electronic capabilities of this space age, it's also clear that such manual procedures are obsolete and need to be replaced.

So what can be done to solve this problem?

Get modern

Three industrial milk metering and flow-thru sampling devices are already available and in use in other parts of the world. An orifice-type collecting device called "Patch" is made and used in Denmark. A cylindrical sampler with a diaphragm, "Diessel", is made and used in Germany.

A third type called "Isolok", made in the U.S., uses the syringe principle to draw out 3 milliliter samples from every 50 quarts of milk flowing through the pump hose from the farm tank to the truck. This device is officially approved in the Quebec province of Canada. In fact, Quebec Department of Agriculture regulations require automatic sampling devices on farm bulk milk pickup trucks.

This device is also widely used now in milk processing plants. Since its development in 1969, over 600 Isoloks have been installed in these plants and over 400 are in use on milk tank trucks. The sampler has been extensively tested and is consistently accurate within plus or minus 0.01% of the true fat test value. It is easily cleaned with normal automatic CIP procedures and has successfully met federal and local sanitary standards.

With systems like this, it's no longer necessary to wait for farm milk tanks to be agitated for proper mixing before sampling. Automatic flow-thru samplers not

(Turn to Page E11)

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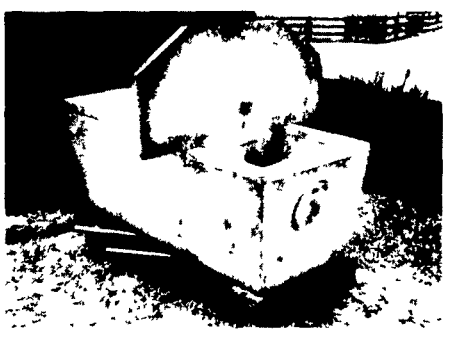

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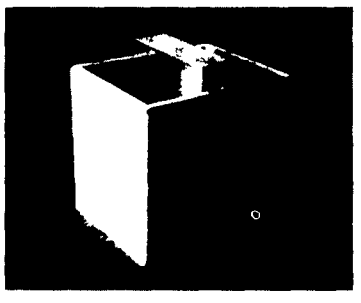

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dhia Pennsylvania Dairy Herd Improvement Association

Mifflin County DHIA Monthly Report

March Report

NAME	BRD	NO. COWS	% COW DAYS IN MILK	LBS MILK	LBS FAT
E Clair Fisher	H	51 1	90 9	19,817	777
Percy S&R Glen Yoder	H	81 4	87 7	19,019	747
John A Peachey	H	55 6	87 8	20 143	722
Bradstead Farm	H	37 2	90 4	18,841	710
Joshua D Yoder	H	51 8	89 7	18,912	710
Moses J Zook	H	51 0	86 4	19,435	709
David T Hostetler	H	35 0	90 4	18 782	708
Sylvanus S Peachey	H	87 9	90 5	19,054	706
James L Hostetter	H	45 8	90 4	17 830	703
Charles L Forgy	H	50 2	88 9	19,115	702
Mark S Yoder	H	91 9	88 1	17,525	692
John B Peachey	H	67 0	91 7	18,339	691
John L King	H	47 8	89 9	17,678	687
Robert Stayrook	H	28 8	88 5	17 891	683
G Sheldon Peachey	H	42 1	85 6	18,625	680
Paul H Yoder	H	54 8	87 0	17 998	678
Marvin E Peachey	H	55 3	87 7	18 030	676
James G Laughlin	H	43 5	89 2	18 093	675
Peachee Farms	H	75 1	87 2	17 841	674
Louis S Peachey Jr	H	55 2	85 8	17 550	674
John M Byler Jr	H	38 9	86 6	18,355	670
Fred C Myers	H	23 1	89 1	16,063	667
Louis S Yoder	H	44 1	89 2	17,855	665
David R Spicher	H	75 5	92 0	18 027	665
Aquilla I Yoder	H	82 3	87 0	17 540	658
Kore J Peachey	H	56 5	89 2	17 635	658
Johy Y Bawel	H	15 1	88 7	17 432	655
Marvin R Kanagy	H	43 7	90 5	17 639	655
Merle E Yoder	H	36 5	88 2	17 958	654

High Cows and Heifers 750 Lbs Fat & Over

OWNER NAME OR NO	BREED	AGE	LBS. MILK	LBS. FAT
Merle E Yoder				
Lila	H	5 7	21 295	750
Peachee Farms				
Nancy	H	6 6	21 661	817
Moses J Zook				
Rae	H	4 11	21 909	881
Brenda	H	4 10	22 067	805
Sylvanus S Peachey				
Flo	H	4 8	18 700	766
Percy S&R Glenn Yoder				
Gloria	H	8 1	21 562	799
Marge	H	4 8	21,521	908
Nicole	H	3 6	20 512	780
Jonas B Kauffman Jr				
Lou	H	4 7	21 084	802
Kore J Peachey				
Bernadn	H	8 0	20,153	806
Dorcas	H	7 10	21 975	939
Nelson J Bradford				
Margie	H	5 7	20 428	785
David L Mitchell				
Marvis	H	7 7	22 539	773
Nissy	H	5 9	20 846	762
Fred C Myers				
Verna	H	9 2	18,019	781
Julia A King				
Milly	H	7 10	20 263	767
Joshua D Yoder				
Elaine	H	6 0	20 624	787
Janie	H	5 6	20,520	774
Louis S Yoder				
Regina	H	6 9	19 850	872
John K Kauffman				
#49	H	2 3	18 569	773
Simon & Allen Peachy				
#61	H	4 9	21,557	824
John B Peachy				
#114	H	2 3	21,602	751
E Clair Fisher				
Beth	H	6 10	23 081	923
Robert Stayrook				
#5	H	4 5	21,360	766
David W Yoder				
#59	H	8 8	20 421	812
John M Byler Jr				
Martina	H	3 6	21 142	803
J D Glick				
Monica	H	6 9	23,050	814
Joseph T Hartzler				
Julie	H	14 3	16,837	762
Aquilla I Yoder				
#95	H	0 0	21 875	818
#3	H	3 7	18 574	826
Bill & Karol Wingert				
Jannie	H	6 7	19 902	773
A Fred King				
Gwen	H	6 9	24 379	839

Milk fat test .

(Continued from Page E10)

only take proportionate accurate samples of the milk pumped into the hauler's truck, but also save the driver waiting time. And they do away with disagreements over improper payment due to inaccurate milk fat sampling.

The time has come for Delmarva to join this modern dairy industry development, in order to ensure producers as well as processors their just compensation.

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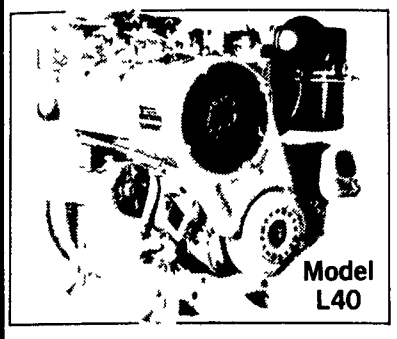

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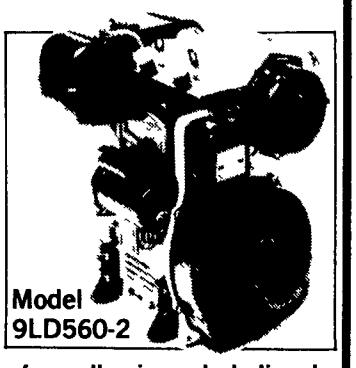

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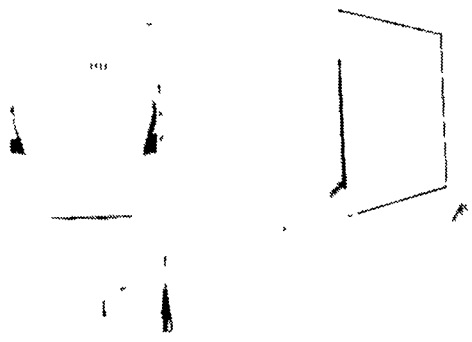

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U.S. dairy surpluses are no match for those across the Atlantic, where the 10-nation European Community is trying to turn back a tidal wave of milk. In the following article, economists Reed Friend and Ron Trostle of USDA's Economic Research Service examine recent dairy policy decisions in the European Community (EC) and the implications of those decisions for the EC and the United States:

In late March, after nearly a year of debate, agricultural ministers of the European Community agreed on a variety of farm policy and price reforms. Dairy received special attention, with two related decisions that mark a significant departure from the past.

The ministers voted to reduce production by imposing milk delivery quotas and to freeze the official target price for milk at last year's level.

Up until this time, EC dairy farmers could produce unlimited quantities at guaranteed prices. The guaranteed support prices were routinely boosted every year, providing a strong incentive to expand output.

If the resulting EC dairy problem found a sympathetic ear in the United States, American farmers can hardly be pleased with the remedy. U.S. agriculture has little to gain and somewhat more to lose from the recent EC actions.

These actions are expected to reduce EC milk production by about 5 percent, not nearly enough to eliminate the surpluses or curtail subsidized EC dairy exports. EC production exceeds usage by an estimated 23 percent.

The quotas, however, will encourage the slaughter of less productive cows, putting more beef on world markets in the months ahead. Fewer cows and lower feeding rates also suggest some reduction in EC demand for feedstuffs, including corn gluten feed and citrus pulp imported from the United States.

Dairying, EC style

The EC has more than twice as many milk cows as the United States and produces roughly 75 percent more milk. That's far too much for a population of around 285 million, 25 percent larger than the U.S. population.

Part of the excess production goes into diary products that are subsidized for sale outside the EC. In 1983, the EC exported nearly 3 million tons of cheese, nonfat dry milk, and butter – more than 10 times the U.S. export volume of these products.

Even with a large export program, surplus stocks are huge and growing. Inventories of nonfat dry milk and butter reached a record 1.9 million tons in December 1983, compared with U.S. butter and dry milk stocks of less than 800,000 tons. To help finance the surpluses, EC farmers pay a 2-percent "co-responsibility" tax on their deliveries to dairy processors, but the tax hasn't cut production.

Milk output has increased at an average rate of 2.1 percent per year since 1970, with 1983's 3.7-percent gain well above the average. Like their American counterparts, EC farmers have boosted the productivity of their cows through genetic improvements in the herd, as well as higher yielding management and feeding practices. While milk cow numbers held fairly steady at around 25½ million, annual yields rose from 6,929 pounds of milk per cow in 1970 to 9,689 pounds last year.

Excess production in the dairy sector, and in several other commodities, has a price. The price has escalated so much and so rapidly that it precipitated a budget crisis in the EC last year – a situation that is not yet fully resolved. And dairy is the EC's most expensive commodity price support program.

Costs for disposing of surplus butter and nonfat dry milk are estimated at more than $4 billion for 1983, about 30 percent of total EC price support expenditures. In 1975, the tab was only $1.1 billion. Three-fifths of 1983's expenditures went for storage, export market development, and subsidies for feed use of skim milk and domestic butter consumption. Two-fifths went for export subsidies.

Time for action

Faced with mounting surpluses and rising costs that were bumping up against budget ceilings, the EC recognized that it had to take action. Of the two dairy program decisions, the quota on milk deliveries is the most significant.

The decision not to raise dairy support prices in 1984/85 is largely symbolic because the target price is set in European Currency Units (ECUs), an artificial currency that is based on weighted averages of members' currencies. When ECUs are converted to francs, pounds, lire, and other national currencies that farmers actually receive, milk prices will rise in most of the EC countries. The increases, however, are not enough to keep up with the costs of production as they have usually been in previous years.

The approval of 5-year quotas on milk deliveries to processors represents a much sharper break with the past – and with the basic philosophical underpinnings of EC agricultural policy. EC agricultural policy originated in an environment of food shortages, and it was intended to stimulate, not inhibit, prodution growth.

Under the quota system, producers will receive the guaranteed price support for milk deliveries falling within established quotas. Milk deliveries above the quota will be subject to a levy or tax amounting to 75 percent of the milk target price.

For the 1984/85 marketing year, EC agricultural ministers approved an overall milk quota of 99.2 million tons, plus a small reserve divided among Ireland, Northern Ireland (part of the United Kingdom), and Luxemburg. Together, the quota and the reserve amount to 99.6 million tons, 4 percent below the EC's milk deliveries in 1983. For the next 4 years, the overall quota drops to 98.4 million tons.

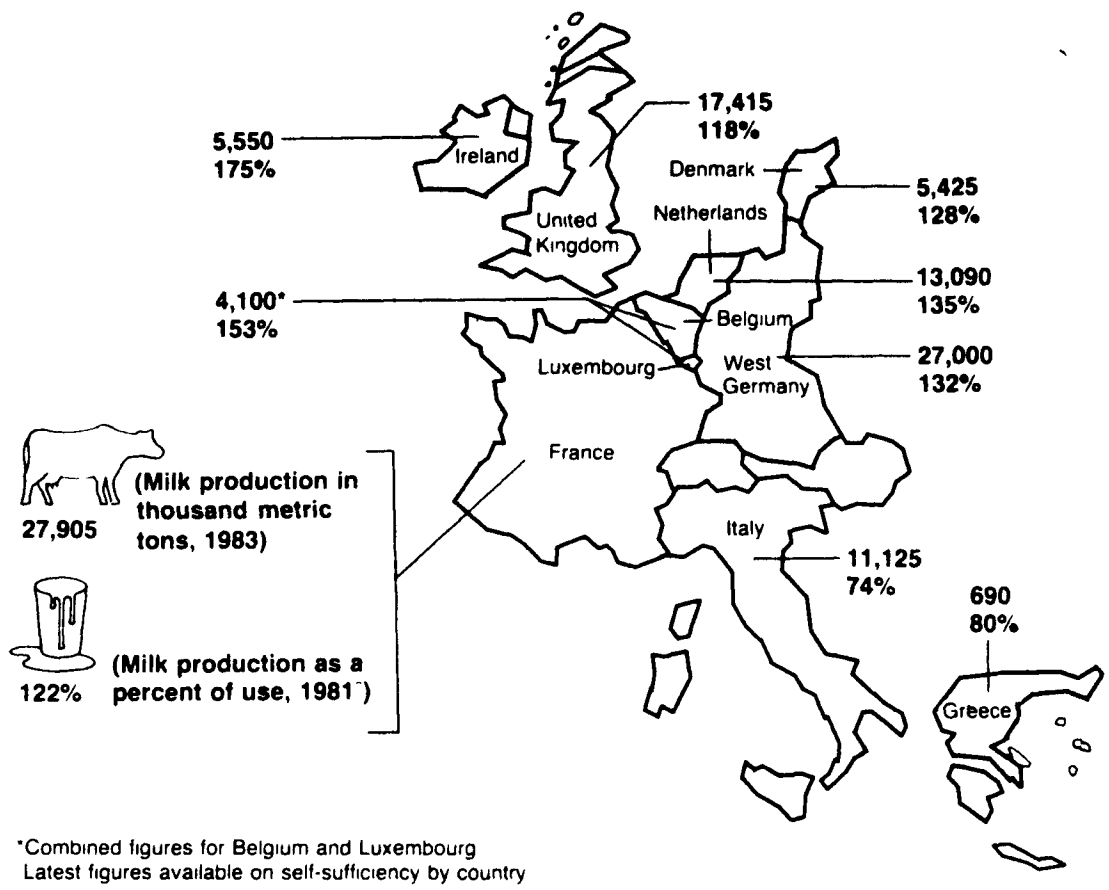
Most of the individual quotas for member nations are based on their 1981 milk deliveries, plus about 1 percent. This means a substantial cutback from 1983 production for West Germany, the United Kingdom, and the Netherlands. For Ireland, Italy, and Greece, the base is 1983 deliveries, with a small upward adjustment.

The establishment of these quotas is not a minor accomplishment, given the differences in interests and the intense debate that preceded agreement. Ireland, for example, had asked that it be completely exempt from any quota because its dairy sector has been slow to develop and could be frozen at a lower state of technology relative to other EC members. In one of many compromises, Ireland was guaranteed that is quota would not be reduced.

Measuring impact

The impact of the delivery quotas can be viewed from different perspectives because there are implications both for the EC dairy sector and for other nations, including the United States.

Most EC Members Produce Far More Milk Than They Can Use



*Combined figures for Belgium and Luxembourg
Latest figures available on self-sufficiency by country

Within the EC, the relatively small reduction in milk production stemming from the quotas is not expected to trim the number of dairy farms. An estimated one-third of EC farmers produce milk for sale off the farm. Pressure to support farm incomes by maintaining high support prices for milk will, therefore, remain strong, and the EC may be more likely to give in to such demands under the security umbrella of a quota.

To meet on-farm needs and to ensure that they fulfill their quotas, EC dairy farmers will probably continue to produce more milk than they deliver to dairies. However, with the 75-percent tax on additional marketings, milk producers can be expected to cut their output close to their quotas.

In 1983, milk deliveries from EC producers to dairy processors totaled 104 milliot metric tons, about 93 percent of the 112 million tons of milk produced. Domestic use, excluding stock accumulation, is estimated at 91 million tons, so the EC producers about 21 million tons more than it needs to meet internal demand. If the quota reductions in deliveries translate into a comparable cut in production, the surplus will be reduced only about one-fourth.

Consequently, the EC will still be burdened with large surpluses, and it will remain the world's largest exporter of dairy products.

Trade implications

The reductions in milk output will be achieved through a culling of less productive cows and a cutback in the feeding of concentrates. Culling is likely to get the most emphasis because the program lasts for 5 years. Most cull cows will probably be sold for slaughter rather than converted to suckling cows because the typically small EC dairy farms do not have the graxing land available for producing beef animals.

With fewer EC dairy cows on feed and more slaughter cow meat coming to market, the direct trade implications for exporters of feed and lower priced beef are not favorable. If many cows are slaughtered, this could depress world prices and add to the already burdensome EC stocks of beef.

More significant to the United States is the impact on EC imports of feedstuffs for its dairy herd. It must be noted that not only will milk production be reduced, but the 2 to 4 percent annual growth rate in milk output, characteristic of the last decade, will cease.

EC dairy rations make heavy use of corn gluten feed and citrus pellets imported from the United States. Lst year, the EC purchased 3.8 million tons of U.S. corn gluten feed and meal and a half-million tons of U.S. citrus pellets.

Another U.S. concern is the recent EC decision to negotiate controls on imports of U.S. corn gluten feed through the GATT (General Agreement on Tariffs and Trade). The United States has refused to voluntarily limit its exports and has lodged a strong objection to the EC action.

The only potential benefit to U.S. agriculture relates to U.S. dairy exports, which are relatively small in volume and value. And even this benefit won't materialize unless the EC cutback in milk production eventually leads to reduced European diary exports and improved world prices.

Dairy Sector Comparisons for 1983:
EC versus USA

	European Community	United States
Cow milk produced (million metric tons)	112.1	63.5
Number of milk cows (millions)	25.5	11.1
Average yield per cow (pounds)	9,689	12,587
Average number of cows per farm	14.3	35.7
Annual rate of increase in milk production since 1970 (percent)	2.1	1.5
Milk target price ($ per 100 lbs.)	10.91	12.60
Butter stocks (thousand tons)	866	165
Nonfat dry milk stocks (thousand tons)	1,006	620
Per capita butter consumption (pounds)	14.1	5.1
Per capita liquid milk consumptions (pounds)	278	210
Butter exports (thousand tons)	804	34
Cheese exports (thousand tons)	1,178	17
Nonfat dairy milk exports (thousand tons)	957	234

At 1980 exchange rates, the current EC target price would be $17.29.

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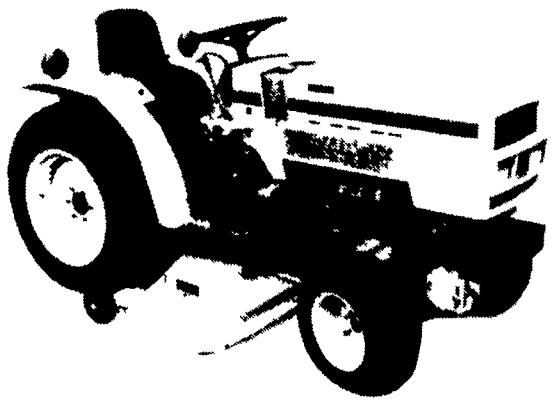

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Management more important than bricks and mortar

SYRACUSE, N.Y. — Dairylea President Clyde E. Rutherford, speaking to a group of Dairylea Young Farmers recently, warned against getting "wedded to bricks and mortar." Processing plants are necessary tools, he said, but good management is far more important.

Rutherford pointed out that the number of dairy plants of all types in New York State has declined from 1,067 in 1967 to only 181 in 1984 - a drop of 83 percent in 20 years.

"You might think from those figures that we have a serious shortage of milk processing plants in this state," said the Dairylea president. "The truth is that there is still too much processing capacity for most months of the year. Industrywide in New York State we're packaging and manufacturing some 11 billion pounds of milk annually . . . which is only ten percent more than we were handling in 1964!"

Advances in processing and packaging technology and long distance milk transport are the primary reasons for the tremendous decline in the number of plants, Rutherford said.

Twenty years ago a fluid processing plant had half gallon fillers that could only turn out about 33 a minute, Rutherford said. Today the modern machines fill about a 90 a minute. Half pint machines fill 200 a minute, more than twice the rate of 20 years ago.

"In 1964, a manufacturing plant was hard pressed to handle 500,000 pounds of milk in a day, he said. Today we have plants that can handle two million pounds or more per day."

With such advances, Rutherford said, "it is not surprising that during the 20 years since 1964, the number of fluid processing plants in the state has dropped by 86 percent (from 691 to 96) "and the end is not in sight. There are still more fluid packaging plants in the state than are needed. The result in some areas is a bitterly competitive situation which hurts farmers and helps only those who can take advantage of a cheaper price for milk."

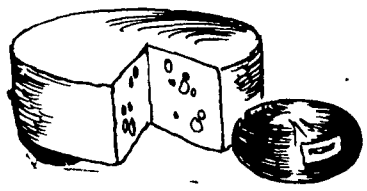
The co-op president urged young farmers to put aside the quarrels of their parents and grandparents and build a unified dairy industry.

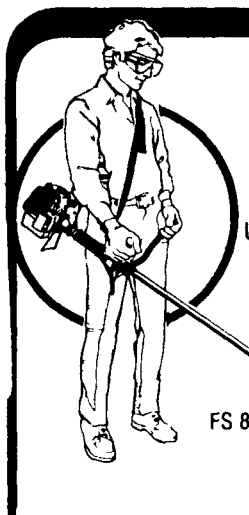
"There is no need for the number of cooperative we have in this state today," he said. "We need fewer, bigger, more strongly financed cooperatives. We should judge our cooperative by its management, not by what plants or how many plants it owns.

"Never be wedded to bricks and mortar. It will only cost you money in the end. If a plant should be closed . . . close it! Pride of ownership can be expensive."

Rutherford said that the increasing success of Dairylea during the past couple of years has been through strong management, the development of profitable joint ventures with other cooperatives and the involvement of the co-op in mutually beneficial relationships with proprietary companies.

"At the close of the 1983-84 fiscal year (March 31), Dairylea was 25 percent better than budget and 51 percent improved in overall financial status," he said, "We are looking toward similar progress in the current year. The meaning of our experience is very clear: next to a loyal and involved membership, a good, forward looking, experienced management is the single most important ingredient for co-op success."





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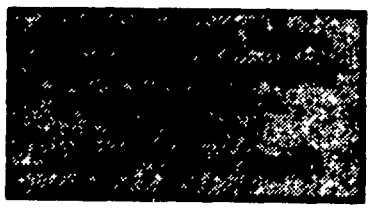

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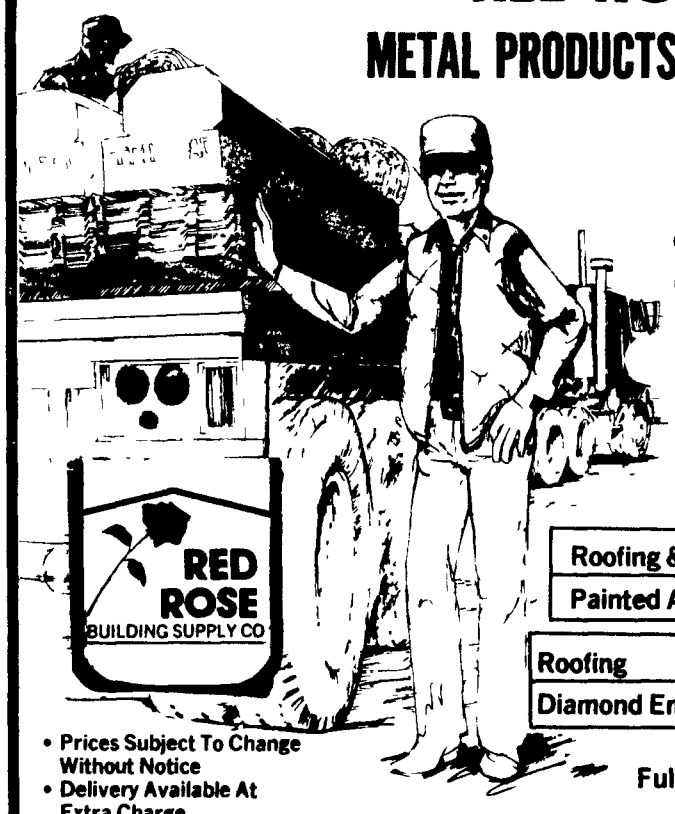

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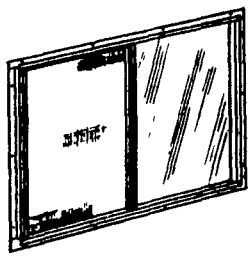

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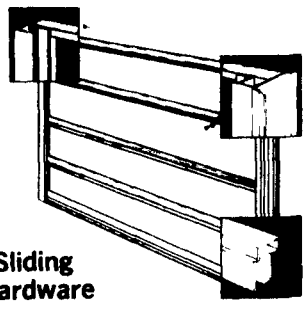

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Dairy mgt. course combines 'hands-on' with study

WILLIAMSPORT — The first class of Dairy Herd Management at The Williamsport Area Community College is now history and personnel at the college hope history will repeat itself becauses the program has become a success story, not only for the College but for its graduating class.

One of the exciting aspects of the Dairy Herd Management program when it began a year ago at the Community College was that students would have the opportunity to learn hands-on at a working farm. When the College accepted the Pennsylvania Department of Agriculture's offer to use the state farm facilities two years ago, several doors were opened.

Foremost, it provided the first opening the College had to give its agribusiness students an opportunity to combine practical application with classroom theory. The two-year, associate degree agribusiness students have participated in farm chores, learned about operating farm machinery and viewed first-hand how record-keeping relates to the world of Agribusiness.

Danville State Farm

When the College made the decision to offer a one-year certificate program in Dairy Herd Management, the Danville farm was there for students to utilize and has proven an excellent training ground for the first class of students.

The Danville State Farm Laboratory houses 110 dairy cows and 60 head of replacement stock. The herd produces more than 18,000 pounds of milk with 700 pounds of fat.

The farm provides opportunities for experience in all phases of dairy farming as the entering class of students soon learned. The 16 students (all full-time but one) spent at least two days a week, from 9 a.m. to 3 p.m., at the Farm and participated in all aspects of the day-to-day farm operation.

Besides learning proper milking techniques, the dairy students learned breeding, health care, feed rationing, and crop raising. Dairy Herd Management instructor Robert Patton (himself a farm owner) prepared the students in classes at the College's Earth Science Center near Allenwood before busing them to the Farm to apply theory of practice.

In classroom

In the classroom, Patton emphasized to students the need to develop keen decision-making skills, especially relating to financing and managing a dairy business. He accomplished this by presenting students with the many problems encountered on a daily basis on a farm. He posed such problems as: "When is it best to repair a piece of farm equipment and when is it more economical to replace it?"; "When do you call the vet, when do you doctor livestock yourself or when it is best to sell?"; "How many crops do you need to plant?"; "What crops do you need to raise for your type of farm?"; "What's your return on investment and facilities?"; "Is your farm showing a profit and what do you do about it if it's not?" Patton then made students solve the problems and relate it to what they were learning at the farm.

One example of the way Patton related classroom work to practical application is the artifical breeding instruction. After theory was stressed in the classroom, students cut apart reproductive tracts obtained from slaughter cows at a meat packing plant. Instructor Patton says, "When breeding a cow artifically, you can only feel your way around. Dissecting reproductive tracts showed students exactly what they were feeling." Students then practiced artificially breeding the Danville State Farm cows and eventually became certified breeders.

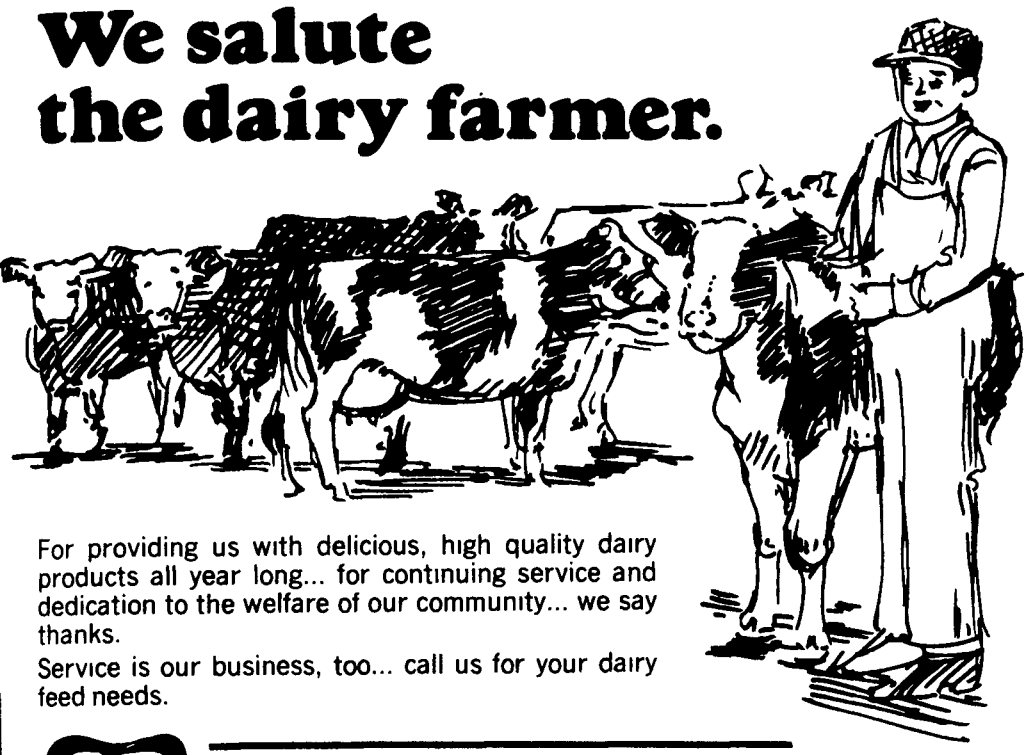
Graduation

Of the 15 full-time students enrolled in the program, 14 graduated on May 12. Most of the students who had come to the College from "home" farms returned to those farms. Of the others, all have jobs. A number of graduates, hired as herdsmen, are reporting starting salaries of between $12,000 — $15,000 a year. Of the 14 students completing the program, two were women. For a new program, these figures indicate its strength, especially since no attrition was experienced. To date, 11 students have enrolled for Fall '84.

This year, eight microcomputers have been installed at the Earth

(Turn to Page E16)

We salute the dairy farmer.



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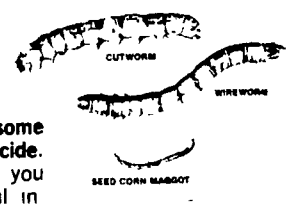

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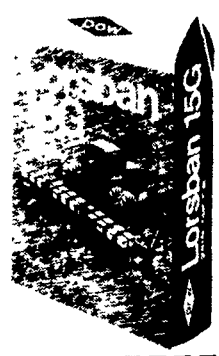

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BORON B-12 WATER SOLUBLE	
CALCIUM NITRATE 19% C 15½%N	
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K-MAG (22S-18MGO-22K_2O)	
MAP (MONOAMMONIUM)	11-52-0
MICRO-MIX (G)	
MG-58 (MGO 96%)	
MURIATE OF POTASH	0-0-60
NITRATE OF SODA	15-0-0
NITRATE OF SODA POTASH	15-0-14
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POTASSIUM NITRATE	13-0-44
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SULPHUR COATED UREA	36-0-0
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TRIPLE PHOSPHATE	0-46-0
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Dairy mgt. course

(Continued from Page E15)

Science Center and each Dairy Herd Management student will be instructed in the practical application of computers in the dairy industry. Classes in which computers will be used include Dairy Feeding and Management, Financing Dairy Enterprises; and Farm Records and Analysis.

Field Trips

Not only do students learn in the classroom and on the farm, they also go on field trips and hold special events. Students participated in the Annual Pennsylvania Farm Show this past winter and were included in an arrangement whereby a number of calf brains were obtained at Wyalusing Meat Packing Plant and shipped to Harvard University to be used in experimentation.

Graduates of the Dairy Herd Management program have expressed their satisfaction with the program and the practical experience obtained at the Farm.

The arrangement has been pleasing to the Danville State Farm personnel as well and Marlin McClellan, regional director for the State Agriculture Department feels Pennsylvania needs programs such as the two offered by The Williamsport Area Community College because agriculture is a major business in the State.

Open House

Ranking fifth in the nation, 15,000 Pennsylvania farms produce more than a billion dollars worth of dairy products yearly. "Modern dairying is also a highly technical business with a slim profit margin, therefore, good management is crucial," McClellan says. As a liaison between the College and the State for the Dairy Herd Management program, McClellan is pleased with the success the program has had this year.

On Thursday, June 21, the Danville State Farm will have an open house and conservation demonstration from 10 a.m. to 4 p.m. Tours highlighting the barn facilities and conservation practices in the field will be conducted for anyone wishing to attend. The open house is sponsored by the Pennsylvania Department of Agriculture, The Williamsport Area Community College, the Montour Extension Office, the Montour County Conservation District and the Montour County Commissioners.

For those interested in entering either the Dairy Herd Management or Agribusiness programs, openings still exist. For information about either one, call Glenn Spoerke at the Earth Science Center of The Williamsport Area Community College. Phone 717-547-1661. Mr. Spoerke can also provide information on the open house.

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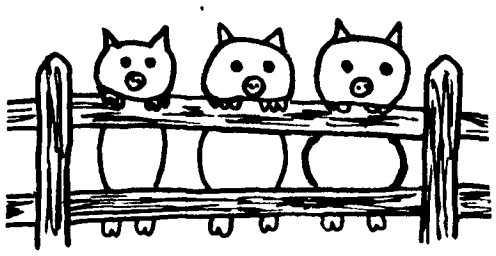
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York County DHIA Monthly Report

dhia
Pennsylvania Dairy Herd Improvement Association

April Report

The high herd was Stump Acres, R D 10 York with 93 holstein cows producing 19,453 lbs milk and 796 lbs B F Second high was Lynn Wolf, Abbottstown with 70 holstein cows producing 20,408 lbs milk and 784 lbs B.F

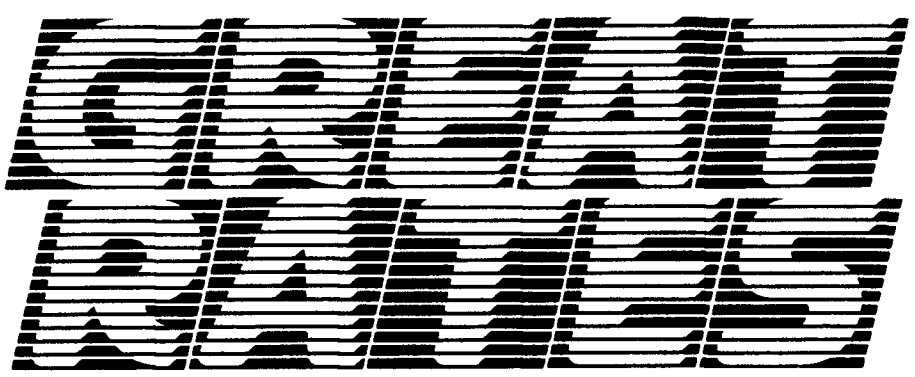
The high cow was Posch a 4 year old holstein from Rick Cook, R D 1 Wellsville who produced in 305 days 24,664 lbs milk and 938 lbs B F Second high ws 4-H a 6 year old holstein owned by J H and M B Hushon who produced in 305 days 22,401 lbs milk and 924 lbs B F

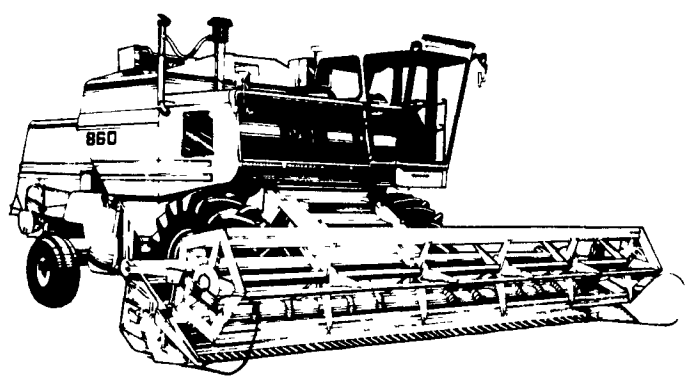
OWNER	BREED	NO. COWS	% DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
Stump Acres	3	93 0	91 5	19,453		796
Lynn Wolf	B3	69 4	89 7	20,408		784
Smysers Richlawn Fms	3	71 9	86 0	20,161		762
HS&RE Fetrow	3	80 1	87 4	19,450		745
Jim&Holly McCaffree	3	40 0	83 2	20,170		727
Beshore Farms	3	44 4	88 0	20,096		725
McRal Dairy Farm	B3	171 2	91 7	19,138		721
Wayne E Myers	3	47 3	85 0	18,721		708
The JE Baker Co	B3	42 9	85 9	19,164		705
Thomas A Boyer	3	42 5	83 9	18,905		699
Sinking Spring Fminc	3	67 0	84 2	18 523		698
David Stewart	3	11 3	90 6	18 917		687
Paul R King	3	52 7	86 9	17 225		683
Geo Knight	3	136 4	87 5	17,313		673
Rineway Dairy Farm	B3	92 0	86 8	17,388		672
RR&MR Stewart	3	58 9	88 2	18,943		672
Rick L Cook	B3	63 4	87 3	17,275		662
Wayne B Mummert	B3	71 5	86 0	17,896		661
Fawn Meadow Holstein	B3	70 5	87 5	17,528		659
B Robert Charles	3	47 4	85 4	18,015		646
Earl Fuhrman	3	83 9	88 4	17,293		645
Edwin L Calhoun	B3	44 6	88 9	17,518		642
Walnut Hill Farm	B3	40 7	87 9	17,125		634
Rodman C Thompson	3	69 3	84 4	16,677		634
Melvin R Lehr	B3	52 7	83 1	16,739		631
Smokey Hollow Farm	G3	37 6	89 9	17,964		629
Claude Holmes Jr	3	65 7	86 0	16,425		628
Double D Farm	B3	96 7	85 8	16 565		628
William Myers	B3	43 4	87 1	16,915		626
William Ruppert	B3	54 0	85 7	17,749		624
Mervin W Hertzler	2	63 8	87 6	12,856		623
Leroy Bupp	3	102 7	88 6	17,384		623
JH&MB Hushon	B3	89 5	90 4	16,071		614
Big T Holsteins	B3	87 9	84 5	17,053		613
Ellis Crowl	B3	94 2	86 2	16,685		612
David L&Chris Druck	B3	72 3	83 1	18,833		608
J Donnell Taylor	3	114 6	86 4	16,863		607
Leaspring Farm	3	46 4	83 1	16,928		606
C Robert Kilgore	3	50 8	87 5	17 107		605
Lonnie Robinson	3	42 8	91 4	15,630		605
Walkers Farm	B3	69 9	87 6	16,557		603
Dennis J Myers	3	53 6	89 2	17,045		600
Gum Tree Farm	3	43 2	91 1	16,939		593
Elvin G Molison	B3	148 2	80 9	15,686		590
Daryl L Bair	B3	37 7	84 9	16,958		588
Eisenhart Bros	B3	83 9	89 3	15 693		587
Dan&Patti Hushon	B3	34 4	89 2	16,119		586
Kenneth L Rexroth	B3	136 9	88 7	15,286		585
John C Krone	B3	42 0	87 1	16,215		584
Rutter Bros	2	81 0	87 4	11,899		582
Phillip D Laughman	3	27 8	86 5	16,149		581
George Innerst&Sons	B3	70 2	86 7	15,623		576
Robert W Mays	B3	63 5	86 5	16,053		574
William H Fantom	B3	65 4	87 3	15,297		573
Hidden Springs Farm	B8	100 1	84 7	14,737		572
Leroy Hertzler	B3	31 9	84 9	14,772		568
Harold Brown	3	69 3	81 6	15,231		562
Robt Baumgardner Jr	B3	59 0	85 2	15,822		561
Desota&Robt Burchett	B3	102 6	87 3	15,132		557
Titus Walker	G8	37 3	84 7	14,846		556
Albert Dehoff	B3	153 6	87 1	15,262		554
T Edwin Johnson	3	64 0	83 1	14,679		553

OWNER NAME OR NUMBER	BREED	AGE	DAYS IN MILK	LBS. MILK	% FAT	LBS. FAT
H S &R E Fetrow						
Keeno	3	6-8	301	19,186	4 5	865
Sue	3	6 3	305	18,889	4 1	774
Fern	3	2-5	305	16,180	4 4	717
Quette	3	3 2	305	17,930	3 7	659
Kay	3	2-5	305	17,356	4 2	733
Rodman C Thompson						
Hazel	3	9-10	305	17,658	3 7	656
Stargrl	3	5-11	305	19,558	3 5	676
Thrush	3	5-11	305	18,062	3 4	620
Bridget	3	5-8	283	17,153	3 9	668
Flite	3	6-4	305	21,845	3 8	839
Jenny	3	2-6	305	16,562	3 9	638
Nedra	3	2-6	305	14,271	4 4	631
JH&MB Hushon						
4H	3	6 0	305	22,401	4 1	924
153	3	5-8	305	20,687	3 9	797
1301	3	3-4	305	18,750	3 4	639
Rineway Dairy Farm						
203	3	5-10	244	20,023	3 2	642
220	3	5-5	305	20,265	3 7	747
254	3	4 0	305	18,500	3 5	648
290	3	3 1	305	17,880	3 5	630
295	3	2 11	301	19,518	3 4	654
298	3	2 11	305	16,574	3 8	635
319		2-5	281	15,197	4 0	614

(Turn to Page E18)

MASSEY-FERGUSON





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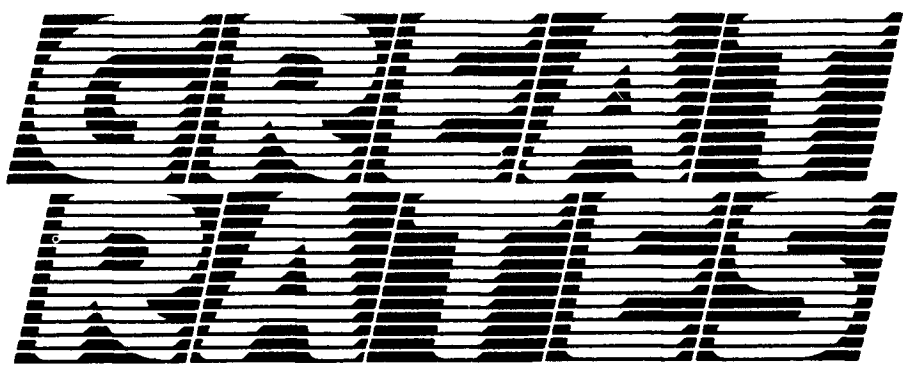
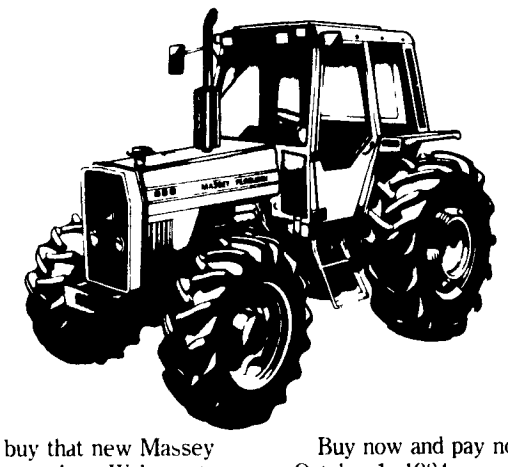
MASSEY-FERGUSON





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York Co. DHIA

(Continued from Page E17)

RR&MR Stewart						
Pearl	3	11 10	305	16,832	3 7	623
Kenneth L Rexroth						
113A	3	4 4	305	14,070	4 7	657
Rick L Cook						
Cindy	3	4 7	273	16,096	3 8	612
Posch	3	4 3	305	24,664	3 8	938
Mindy	3	3 5	290	18,313	3 5	650
Fran	3	2 3	305	14,224	4 4	621
Candy	3	2 1	305	15 051	4 2	626
J Donnell Taylor						
Mick	3	4 10	305	21,425	3 5	740
Peach	3	3 8	305	19,804	3 5	696
Betsy	3	3 11	305	17 534	3 7	649
Judy	3	2 11	305	19,769	3 4	680
Barb	3	3 0	305	16,980	3 6	605
Kim	3	1 10	305	15 380	3 9	602
Sissy	3	1 11	305	14 922	4 1	617
Ellis Crowl						
B 62	3	8 2	305	15 794	3 8	604
70	3	4 7	305	17 590	3 9	688
Sinking Spring Fminc						
Mavis	3	8 5	270	20 665	3 0	626
Jade	3	2 3	298	15 023	4 1	618
Megan	3	2 0	272	15 886	3 9	619
Rutter Bros						
Happy	2	8 3	305	13 074	5 0	653
Daisy	2	6 5	305	13 560	5 4	729
Star	2	6 8	305	12 072	5 1	621
Lola	2	4 6	305	15 673	4 1	649
Beshore Farms						
Novex	3	7 7	305	18 459	3 5	648
Joey	3	3 0	305	19 251	3 8	731
Maggie	3	3 6	305	21 020	3 9	828
Jinx	3	2 10	305	18,208	3 8	695
Duchess	3	2 5	305	19 287	3 4	662
Harold Brown						
Chloe	3	8 3	281	14 766	4 4	654
Esther	3	3 5	303	13 876	4 4	607
Kathy	3	3 6	305	17 219	3 5	602
Albert Dehoff						
228	3	6 10	305	19 200	3 7	714
277	3	6 4	278	16 365	3 9	632
306	3	4 7	305	17 493	3 9	682
385	3	3 6	292	14 236	4 5	638
Elwood T Krick						
Sam	3	7 4	305	16 526	4 1	671
Doug&Gene Kilgore						
Trudy	3	7 2	305	16 831	4 1	682
Thomas A Boyer						
Ginger	3	2 5	305	17 294	3 5	607
Earl Fuhrman						
Maple	3	6 0	305	19,043	3 2	602
Starlen	3	5 9	305	19 622	3 3	655
HS&RE Fetrow						
Nugget	3	9 6	305	24 815	2 9	732
Penny	3	6 6	305	20 278	3 6	732
Pabst	3	5 9	305	21 719	3 9	848
Smysers Richlawn Fms						
Dawn	3	11 3	305	20 573	3 9	797
Jeannie	3	8 11	305	16 853	3 6	603
Ethel	3	8 8	303	23,433	3 0	705
Emma	3	4 6	305	23,534	3 3	777
Fran	3	3 7	305	20,839	4 2	869
Phyllis	3	3-7	292	20,224	3 7	743
Minnie	3	2 4	305	16,909	4 0	669
T Edwin Johnson						
Geri	3	3 5	305	16,892	3 8	648
Leroy Bupp						
Janet	3	8 5	305	18,807	3 6	675
Dolly	3	4 9	305	19,434	3 4	652
Petunia	3	2 2	294	14,862	4 3	632
Hidden Springs Farm						
Jenny	3	7 6	305	16,163	3 9	634
Natalie	3	5 5	305	16 427	4 1	676
Dove	3	3 6	305	15 075	4 5	679
Dennis L McWilliams						
67	3	8 10	305	20 624	3 2	666
Dennis J Myers						
Tillie	3	8 9	304	17 325	3 6	617
Wizard	3	3 8	305	16 272	3 7	601
Titus Walker						
3363	3	5 3	299	19 444	3 7	616
Phillip D Laughman						
Kim	3	8 10	305	16 195	4 0	647
Jeffrey D Stambaugh						
Petunia	3	7 1	305	18 579	3 6	669
Paul R King						
Jax	3	13 5	305	20 135	3 7	735
Candy	3	7 10	305	20 971	3 5	725
Ginger	3	4 7	297	17 672	3 6	629
Wayne B Mummert						
48	3	7 1	248	15 487	4 2	645
5	3	4 1	305	18 190	3 6	646
72	3	4 2	305	19 263	3 6	692
51	3	1 11	305	17 321	3 8	665
Desota&Robt Burchett						
17	3	3 0	305	17 136	3 5	605
Lynn Wolf						
Heidi	3	6 7	211	19 313	3 2	612
Jerry	3	4 0	305	19 023	4 0	758
Lisa	3	3 5	305	22 202	4 1	921
Karla	3	2 11	301	22 811	3 8	863
Lora	3	2 0	305	19 308	3 4	659
Bobbie	3	2 0	305	18,177	4 0	718
Melvin R Lehr						
16	3	5 2	305	16,919	3 7	618
Horace E Heindel						
47 A	3	7 6	305	16,993	3 6	613
104A	3	6 10	305	20,051	3 1	617
70A	3	5 6	305	18,137	3 5	642
113A	3	5 5	305	20,317	3 0	606
98A	3	4-7	305	20,912	3 3	700
1B	3	3 11	305	21,920	3 0	657
29B	3	3 6	305	21,510	3 0	639
Elvin G Molison						
85	3	4 7	305	21,448	3 5	754
124	3	4 11	305	18,109	3 8	680
200	3	3 6	305	18 957	3 9	737
220	3	3 6	305	18 978	3 9	749
187	3	3 5	297	16 643	4 4	729
Daryl L Bair						
Julie	3	9 11	305	21 091	3 3	702
Pansy	3	7 10	305	22 598	3 5	801
Gary W Thoman						
Faye	3	5 8	305	17 802	3 5	629
Reba	3	5 1	305	15 343	4 0	616
Helen	3	4 5	305	18 566	3 6	660
B Robert Charles						
Emma	3	4 6	305	22 426	3 8	841
Fairy	3	4 2	293	18 480	3 4	629
Faith	3	3 11	305	19 294	3 9	753
Gina	3	3 4	305	19 900	3 8	758
Goldie	3	3 1	305	19 421	3 9	750
Edwin L Calhoun						
Belle	3	4 3	305	18 605	3 9	721
Billie	3	4 1	305	19 327	3 5	674
Robert W Mays						
37	3	1 11	305	13 837	4 7	650
Dale L Barshinger						
91	3	4 10	305	16 469	3 8	630

(Turn to Page E19)

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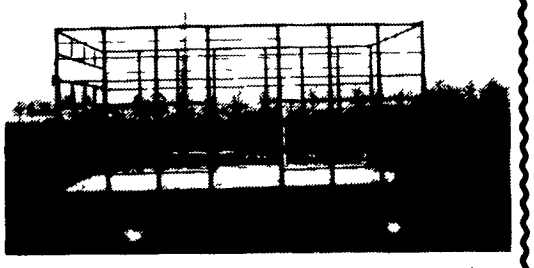

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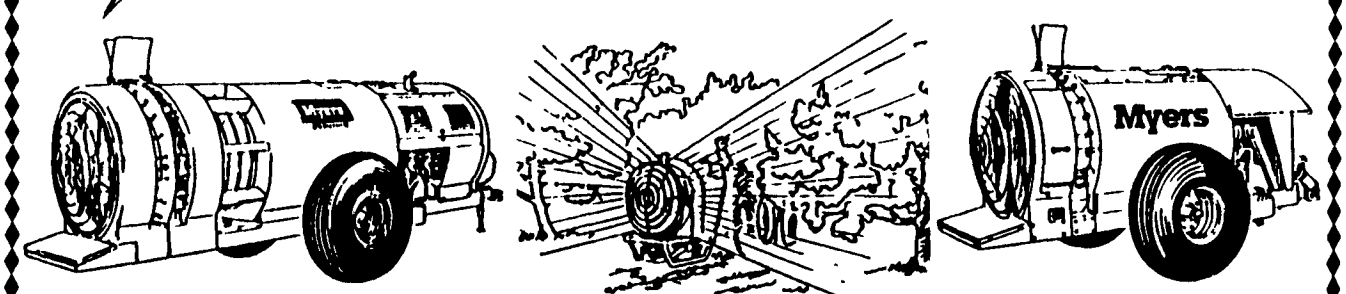

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Debora	3	3 1	305	18 570	3 8	703
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217	3	4 11	305	23 683	2 9	692
Perrydell Farms						
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David Stewart						
Fan 21	3	8 8	305	21,844	3 9	842
Nana 40	3	6 1	305	24 814	3 3	809
Walnut Hill Farm						
Julie	3	3 9	305	15 367	4 0	619
My T Farms						
10	3	7 7	305	20,978	3 6	762
9	3	7 7	305	16,033	4 1	662
David Gemmill						
122	3	3 9	305	18,247	3 9	708
Double D Farm						
D 84	3	9 7	305	20,566	3 1	631
Y 2	3	7 9	238	17 744	3 6	634
Y 32	3	7 7	296	19,796	3 9	764
D 155	3	3 9	305	21,630	3 4	745
179	3	0 0	286	16,248	4 1	663
184	3	0 0	305	16,938	3 5	600
Deal Holsteins Farm						
78	3	5 10	305	16 117	3 ^	632
129	3	4 8	302	17 131	3 7	638
Jerry L McCleary						
Marie	3	3 3	305	16 435	4 0	653
Jim&Holly McCaffree						
Burke	3	5 3	305	24 295	3 7	888
Walter L Amstutz						
Daisy	3	4 7	305	14 818	4 1	611
Kenny	3	2 8	305	16 199	4 0	642
William Myers						
Xmas	3	6 5	305	17 942	3 8	677
Deedee	3	0 0	305	20 419	3 4	700
Jenny	3	3 4	305	12 968	5 1	667
Crissy	3	2 3	305	16 610	3 8	627
Robert E Morris						
Ivy	3	3 9	305	17 272	4 3	747
Claude Holmes Jr						
Hazel	3	4 1	305	17 283	4 0	684
Fay	3	3 5	305	15 828	4 0	633
Maybee	3	2 6	305	16 970	3 7	622
David M Emig						
50	3	6 0	305	16 050	4 0	636
McRal Dairy Farm						
354	3	9 7	305	18 029	4 1	740
120	3	5 5	295	19 834	3 8	758
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336	3	3 2	305	20 543	3 9	795
William Ruppert						
Betty	3	6 7	305	21 217	3 3	710
Emily	3	8 5	289	21 139	3 2	668
Eisenhart Bros						
282	3	5 1	305	18 602	3 6	673
286	3	4 10	305	18 589	3 3	619
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Francis H Barnes	55	18 845	742
Harry W Roach,III	55	18,955	741
Marlin Hoff	380	19 787	727
Del Myr Farm	99	18 710	714
Maple Lawn Farm	163	18,324	702
John H Jr &I G Hull	16	17,364	674
F Lindsay Wilson	62	18,650	672
Panora Acres, Inc	117	18,130	665
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G Wayne Wilhide	36	18,753	662

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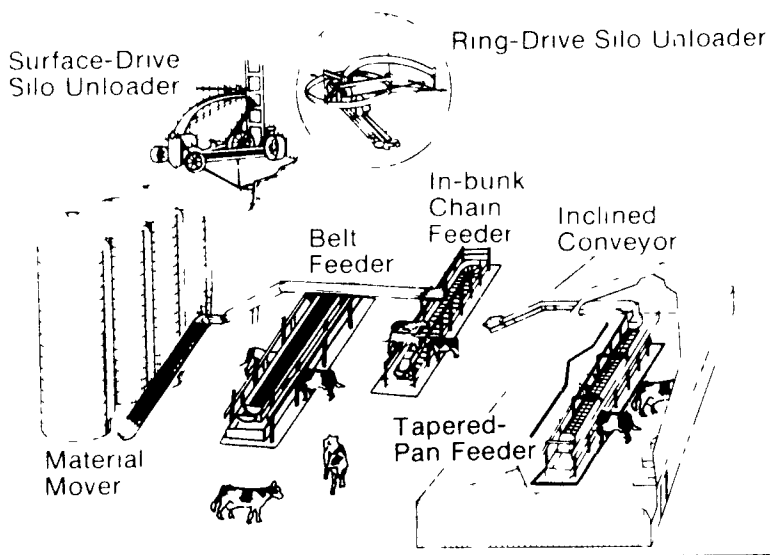

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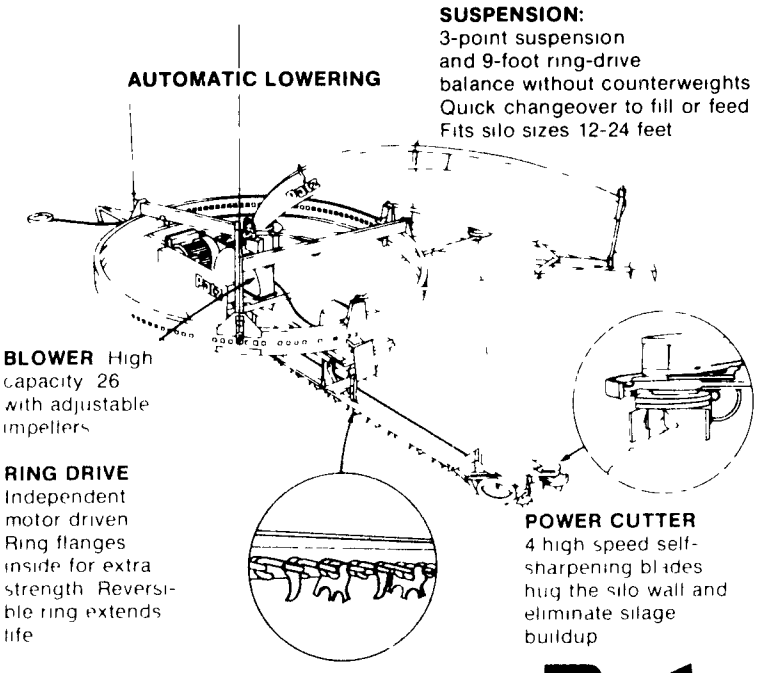

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Chesapeake Bay cleanup - it's now or never

TILGHMAN ISLAND, Md. — If they could get the Bay back the way it was when Russell Dize was young and started following the water, you could wade out chin deep and still see your feet.

Then, you could even see 10 feet down on a clear spring day. You could watch the bay grasses growing on the bottom. You could sight out oysters just by looking down and tonging down to the bottom. That was the Chesapeake–"crown jewel" of America's estuaries–25 years ago.

Now you can seldom see down more than a couple of feet. Now most of the grasses and oysters have disappeared. In a 42-year-old waterman's lifetime, the pollution line "has been moving down the Bay like a cloud," south toward the Virginia waters.

Low Oxygen Levels

"My father dredged oysters at Swan Point in the upper Bay. Now we have to take small seed oysters from down here up there," says Dize, who like his father is captain of a stately skipjack, traditional workboat of the Maryland bay oyster dredger and part of the last commercial fleet still under sail in the country.

"Waterman may not have the scientific knowledge, but we can tell 'bad water.' When it comes in, the crabs and finfish move away from it. But the oysters and clams can't. We can see that below 20 feet in our area of the Bay, nothing's alive."

In the main part of the Bay, the amount of water with very low or no dissolved oxygen has increased about 15-fold between 1950 and 1980.

"When you've lost the grasses (which provide a vital habitat for many bay creatures), you've started losing everything, from striped bass to diving ducks. And when you lose everything, the watermen will be gone."

Tiny fishing village of Tylerton, Md. clings to the shore of Smith Island in the Chesapeake Bay. Smith and nearby Virginia's Tangier Island are the last of the Bay's inhabited offshore islands. For 300 years, inhabitants have lived off the bounty of the Bay. Erosion and pollution now threaten that existence.

Three generations of Dizes were on board when the 52-foot Kathryn--a gilded eaglehead on her bow and a gold ball atop her single tall mast–took first prize in the skipjack race at the 1983 Chesapeake Appreciation Days.

As one of about 15,000 watermen who follow the water year round, Russell Dize spends from sunup to sundown on his boat in the winter oystering season. "In good years, you could catch your quota and quit by noon." In the summer, he's out clamming in the morning, and buying and selling the Bay's famous Atlantic blue crabs in the afternoon for his seafood company, which operates from this tiny fishing community.

"When I was a kid, one of the biggest finfish operations on the Bay was right here. Today you can't buy a fish on this island," Dize said. Even oysters, which started the boom in the Bay's seafood business in the late 19th century and still are its most valuable resource, have declined from a high of 15 million bushels a year to fewer than 2.5 million.

Shad and Striped Bass

Up the Bay at Rock Hall, one of the first places hit by the effects of pollution, waterman Larry Simns used to make a living from white shad in the 1960s. "I've seen it go from a lucrative business to nothing. We can't even catch them, they're so scarce. The same thing's happening to the striped bass." Known locally as rockfish, striped bass is the most prized and valued of the Bay's finfish. It hasn't had a good spawning year since 1970. This year Maryland imposed harvesting restrictions on rockfish.

Now when Simns takes out his 46-foot workboat, Dawn, he goes clamming. "Clams are about the only thing we have left around here. Me, I'd rather be fishing," he complains.

Watermen and marine scientists agree that murky water, vanishing grasses, and declining fish stocks are true signals of what's gone wrong.

"I've been to a lot of meetings, the town meetings when Walter Cronkite came down to the Eastern Shore. They say the population may double by the year 2020. I don't think the Bay can stand it," observed Dize. "It's so easy to say we can clean it up. Everybody's Chesapeake conscious today. But how can you stop what's coming?"

The Bay is riding the crest of the biggest cleanup wave in its history. The goal is to restore it to a generation ago, the mid-1950s. The dealine set is the end of the century; the cost, billions.

"If we miss this chance, we'll never do it. The next 10 years are the most critical in the last 10,000," said William C. Baker, president of the Chesapeake Bay Foundation, set up in the mid-1960s when pollution problems first became a major concern.

Special Resource

The U.S. Environmental Protection Agency last year completed a $27 million, seven-year study of the Bay that will serve as the framework for action. The data EPA amassed on the Chesapeake forms one of the largest informational banks on an estuary in the world.

Calling the Bay "a special national resource," President Reagan committed $10 million to it next fiscal year. It was the first time the Chesapeake cleanup had been mentioned in a State of the Union address.

In the most comprehensive bay program in Maryland history, Gov. Harry Hughes got the legislature to approve an additional $36.3 million this year, including creation of a controversial state commission that would oversee all future development along the Bay's immediate shoreline. Acknowledging that Maryland puts the greatest stress on the Chesapeake, Hughes said the state should take the lead in the cleanup.

Virginia, the only other state with bay shoreline, this year for the first time specifically earmarked money for the Chesapeake - $10.4 million primarily for control of harmful agricultural runoff and sewage discharge.

So complex is the cleanup problem that Maryland is considering turning over its share of the $10 million in federal funds to Pennsylvania, whose Susquehanna River carries much of the farmland runoff into the Bay.

The question is whether all this effort will be enough to "catch up for past pollution and at the same time sustain the Bay against a rising tide of new pressures," observed L. Eugene Cronin, director of the Chesapeake Research Consortium.

"This is one of the most difficult areas of the country for an estuary like the Bay to be located and expect to survive," Baker said. People put incredible demands on it - for homes on its shorefront, marinas at water's edge, and pleasure boats on its waters. The Bay is one of the largest recreational marine spots on the East Coast and one of the biggest commercial port areas. About 3,000 ships a year sail up the Chesapeake to the port of Baltimore, and another 3,000 pass through its southern entrance to the port at Hampton Roads, Va.

Too Many Nutrients

Population in the Chesapeake region increased nearly 50 percent between 1950 and 1980 to 12.7 million. There was a 182 percent rise in the amount of land converted to urban, suburban, and residential uses, although this still totals less than 15 percent of the land in the region. More than 5,000 permits for discharging into bay waters are now issued to industrial and municipal facilities. Another two million people are expected to move in by the year 2000. Both ports plan major expansions, dredging deeper channels to bring in bigger ships.

As a result of what's going on on shore, the Bay is not only taking in toxic substances and sediments, but too many nutrients as well.

Nitrogen flows in primarily from farmland runoff; phosphorus, from sewage treatment plants, which flush about 1.5 billion gallons of treated sewage a day into the Bay.

The combination is too much of a good thing. Excessive nitrogen and phosphorus stimulate the growth of large, undesirable blooms of algae, which in turn decay and use up the oxygen that other bay creatures need.

EPA also detected more than 300 organic compounds in bay waters. Most were toxic. Baker, whose in-

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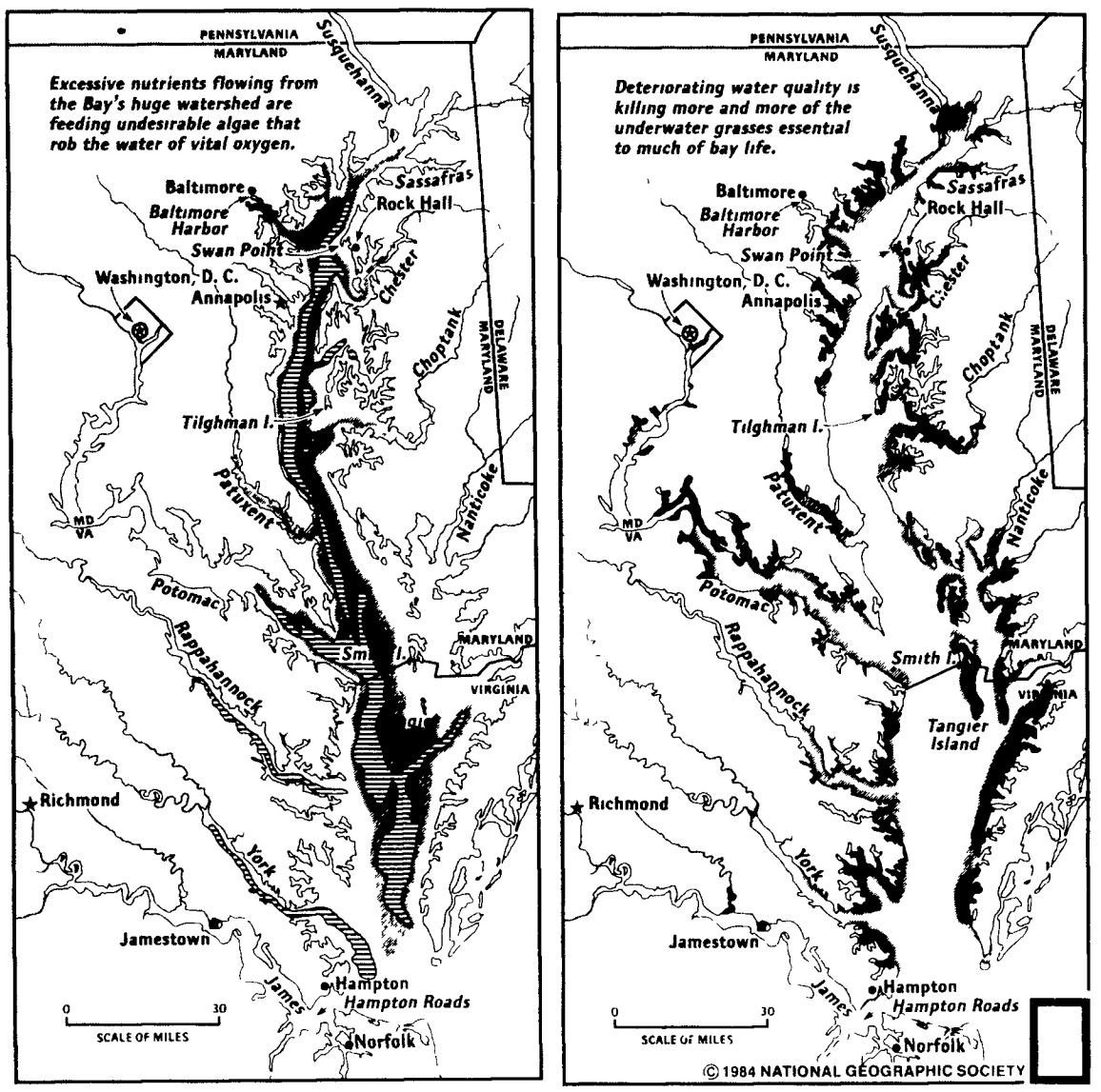

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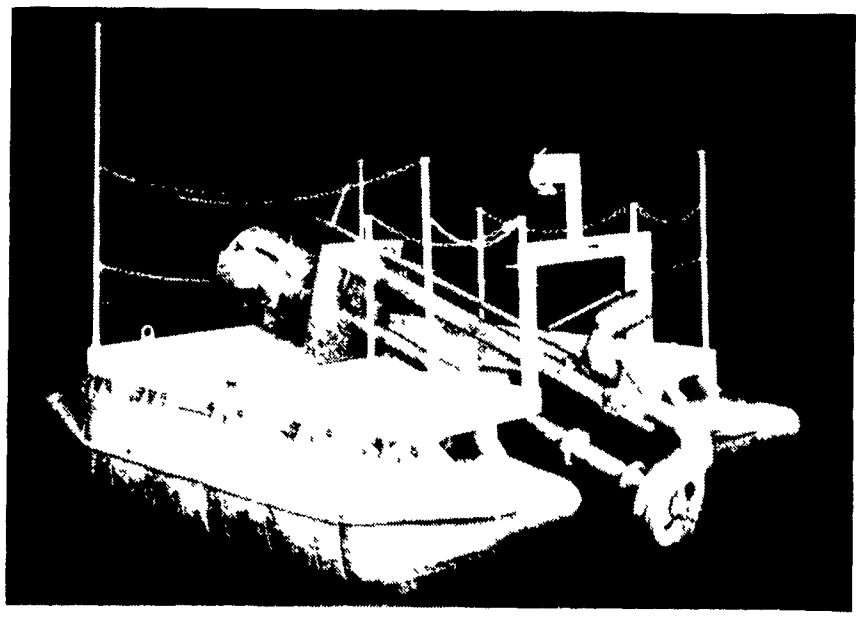

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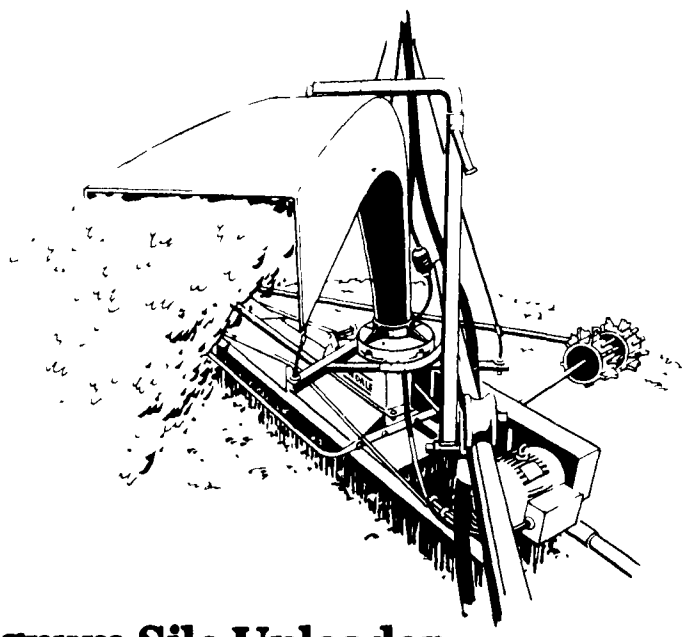

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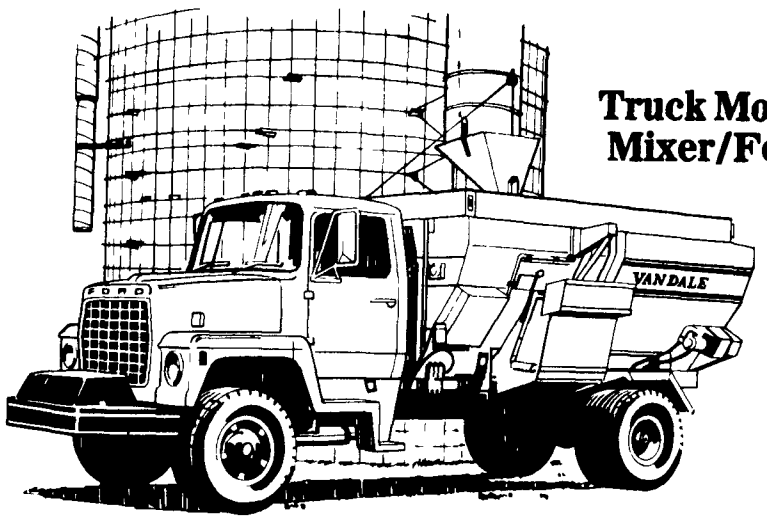

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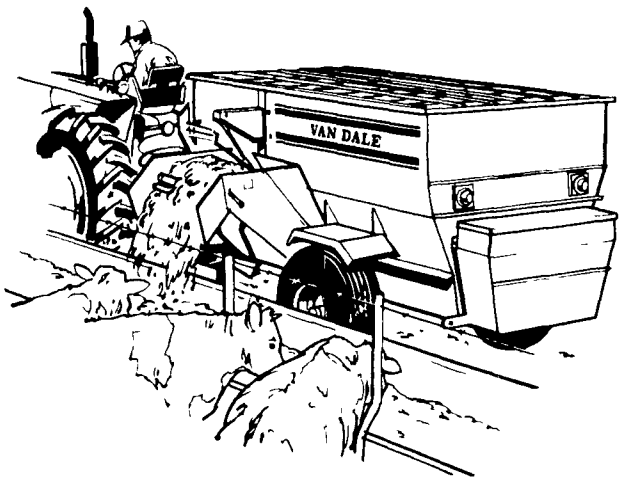

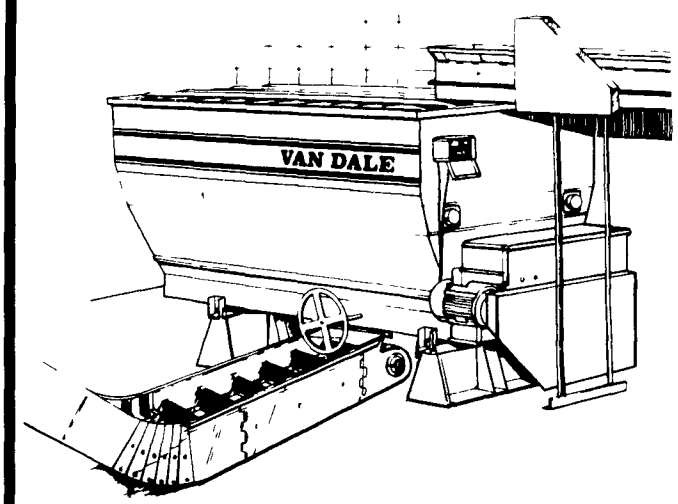

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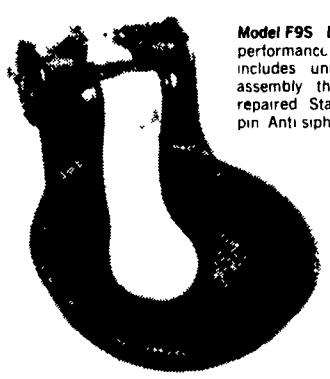

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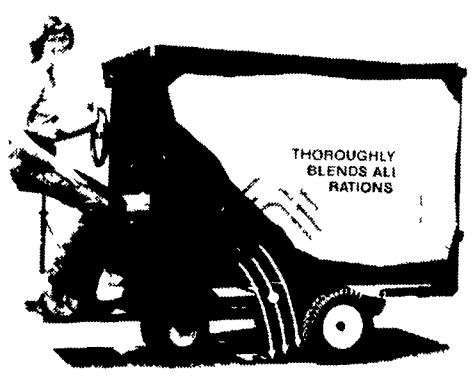

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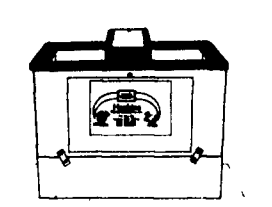

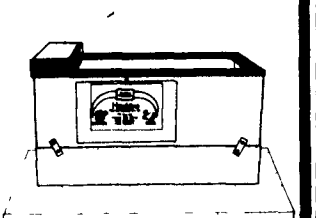

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Chesapeake cleanup

(Continued from Page E20)

dependent Bay Foundation is taking legal action to enforce pollution-control regulations, said that as many as a dozen industries are "seriously in violation" and other larger plants, operating within legal limits, are dumping even greater amounts into the waters.

Together the excessive nutrients and toxic substances are blamed for killing the bay grasses. "If we see the bay grasses coming back," waterman Russell Dize said, "then maybe we'll know something's being done to save the Bay."

Keep From Getting Worse

"The pressures are so great that the most we can hope to do is stop the water from getting worse. For vast areas of the Bay that's all that all of this hard work is going to do. And they could get a lot worse," said Ian Morris, director of the University of Maryland's Chesapeake Bay laboratories. "In certain hot spots, such as Baltimore Harbor, where the water is virtually dead, it could get better."

EPA's Chesapeake Bay Program director, William Horne, said "We should concentrate on saving what we have as of today. What's urgent is to hold the Bay at the level that we found in 1980."

Cronin is more optimistic, predicting that the Bay can be restored to the 1950s level if there is full and sustained support from federal and state governments. "The Bay can bounce back. It's fragile, but basically healthy and resilient."

Even with the exhaustive EPA study, no one is sure exactly what causes to link to what effects. Quite probably there is "no single bullet," EPA concluded, "but rather a myriad of ecological stresses:" Toxic chemicals, nutrients, sediments, overfishing, dredging, natural cycles, and disasters, such as 1972 Hurricane Agnes, which washed so much sediment down from the Susquehanna that it "aged" the Bay about 100 years in a few days.

EPA also does "not know with certainty" to what level pollution must be reduced to improve water quality enough to sustain desired living resources. Perhaps only the Bay has the answer–so big and complicated a body of water that scientists have tried, but so far failed, to make a complete mathematical computer model of it.

Nearly 200 miles long and 30 miles at its widest (near the mouth of the Potomac River), the Chesapeake ranks as the largest estuary in the country. Its tidal shoreline totals more than 8,000 miles, with so many nooks and crannies that it is possible to spend most of a lifetime exploring by boat without ever returning to the same cove.

Mix of Salt, Fresh Water

More than 150 rivers, creeks, and streams pour fresh water into the Bay, about half coming from a single source, the Susquehanna, the largest river. The Bay's three largest rivers, Susquehanna, Potomac, and James, also carry most of the damaging nitrogen, phosphorus, and metals.

And almost everything that comes into the Bay stays there, the EPA study discovered. The Bay acts as a giant sink, trapping and recycling sediments and toxic substances.

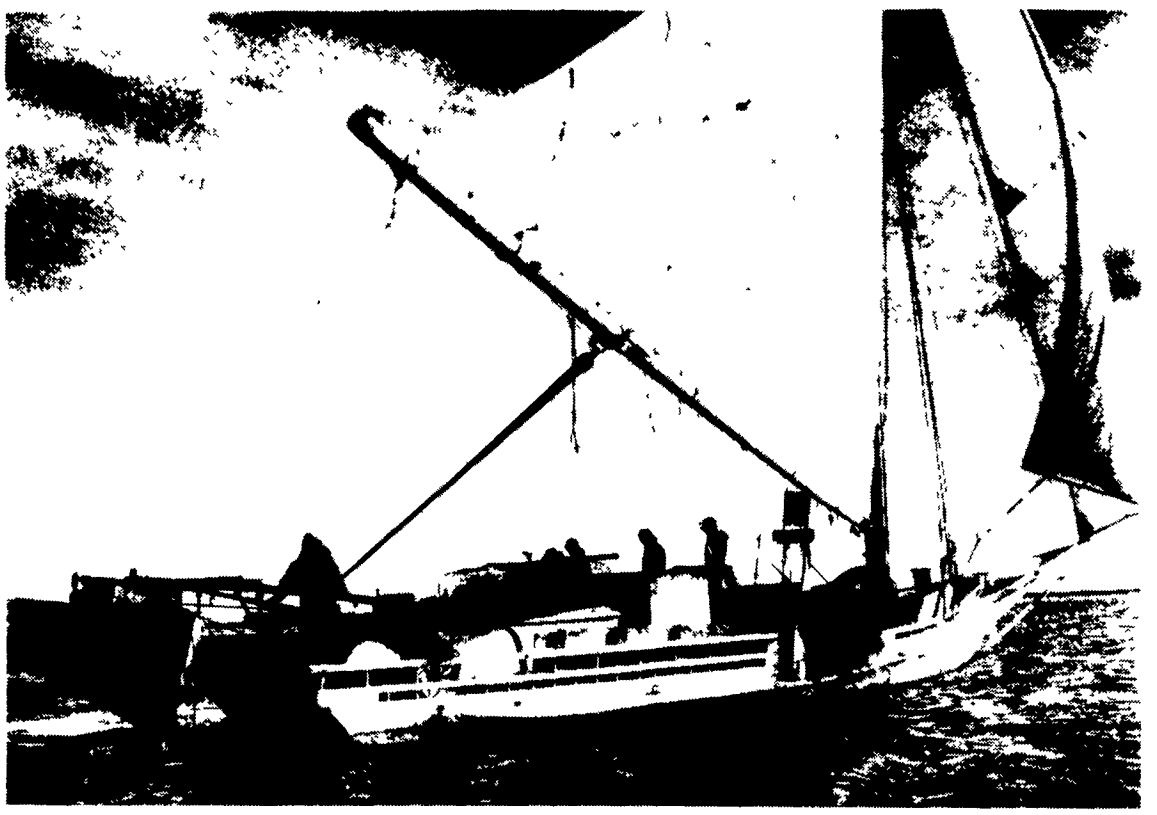
Like other estuaries or inlets of the sea, it is a mixture of fresh and salt water, the salty water pushed in from the ocean by the tides. Generally the lighter freshwater flows south along the top layers of the Bay; the saltier water, north in the bottom layers.

To complicate matters, tides, winds, and seasons stir up the waters into a vertical mix. The Bay's shallow depth, averaging 28 feet, makes it vulnerable to winds and temperatures. The creatures that live there must be hardy to survive.

More than 2,700 species of animals and plants live in its waters and on its shores, all dependent on the Bay and each other. The Chesapeake is one of the most productive ecosystems in the world. An "immense protein factory," Baltimore journalist H.L. Mencken called it.

One year's harvest of seafood yields about 600 million pounds, about $750 million for the regional Chesapeake economy. Despite overall declines, the Bay is still the leading producer of oysters and

(Turn to Page E24)



At the turn of the century when this skipjack was built, about 1500 harvested oysters in Chesapeake Bay. Today, there are only about 35 left.

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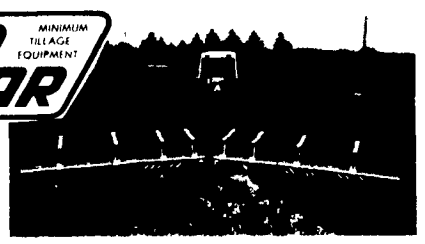

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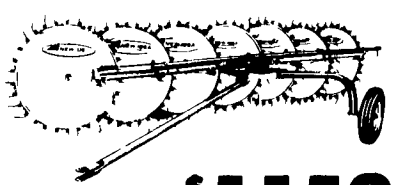

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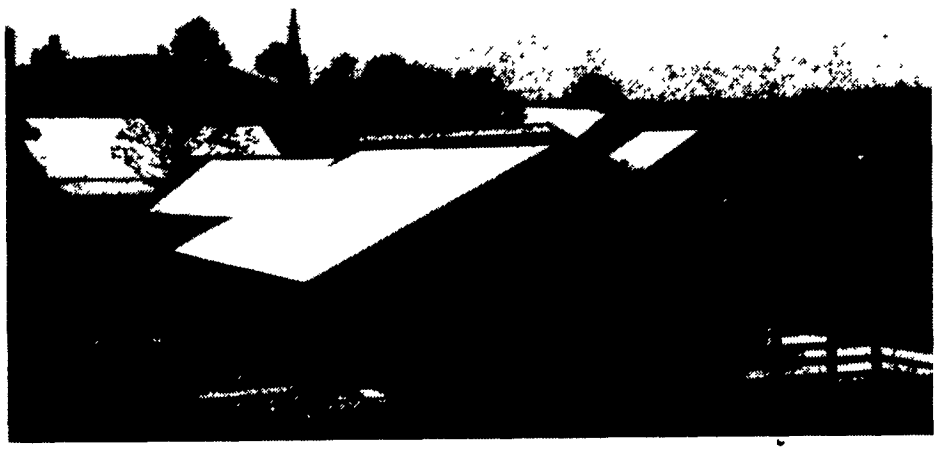
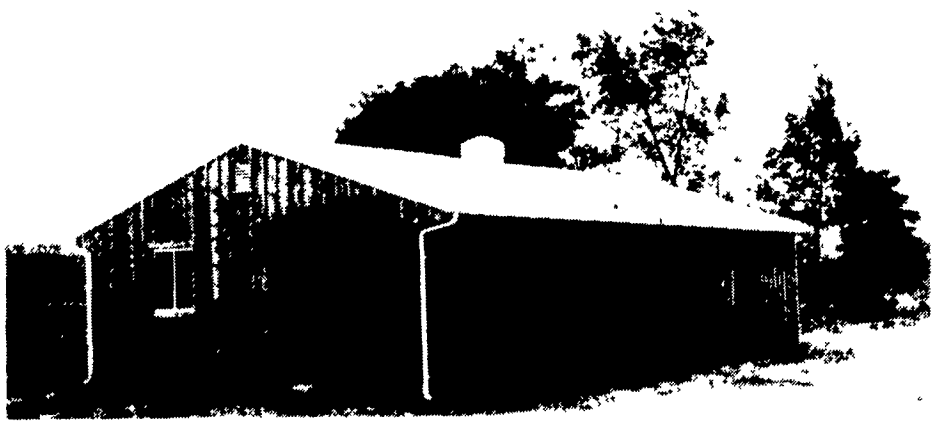


Pictured Above: 40'x48' Naturally Ventilated Heifer Barn, Loose Housing.



Pictured Above: 22'x42' Horse Barn With Three Box Stalls and Tack Room.

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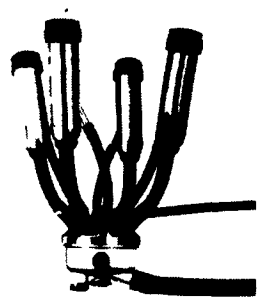

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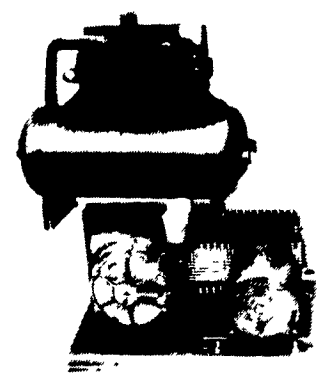

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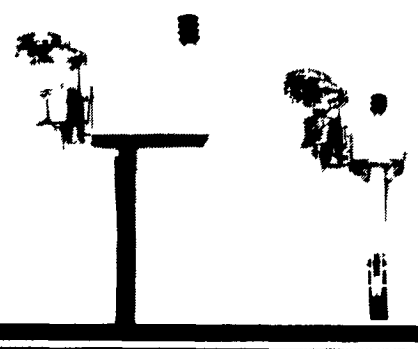

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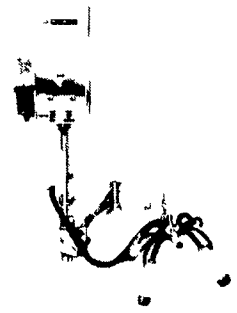

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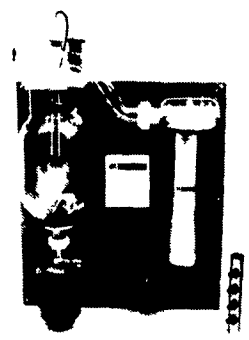

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Dairy Month is love

Chesapeake cleanup

(Continued from Page E22)

blue crabs. "More fish are being caught in the Bay in the 1980s than ever before. But many are just not the kind of fish people like to eat," Morris said.

Every year hundreds of thousands of waterfowl–led by Canada geese and whistling swans--flock to the Bay's shores for winter refuge.

Drowned River Valley

Ten thousand years ago, the Chesapeake that we know did not exist. Then melting glacial ice had brought the rising sea to what is now the mouth of the Bay. Five thousand years ago the head of the Bay reached Annapolis, and 3,000 years ago, the mouth of the Sassafras River, almost as far north as it would ever go.

The waters flooded the mighty Susquehanna River Valley, creating a watershed that now encompasses 64,000 square miles and extends into six states and Washington, D.C. The drowned ancient river bed forms the basin of the Bay.

"Heaven and earth never agreed better to frame a place for mans habitation . . ." wrote Capt. John Smith, who explored and mapped the Bay in 1608, the year after the first permanent English settlement was established on the James River. Then it had "abundance of fish, lying so thicke with their heads above the water, as for want of nets . . . we attempted to catch them with a frying pan . . . ."

Lopes care

NEWARK, Del. — A bad cantaloupe is a bitter disappointment. Poor flavor is usually due to a nutrient imbalance or deficiency, says University of Delaware extension agricultural agent Derby Walker. Nutrients may be lacking in the soil or unavailable to plants because of stress.

To grow cantaloupes that live up to your sweet expectations, lime the soil so it's only slightly acid. On the sandy soils of southern Delaware, aim for a pH of 6.0 to 6.5. On the heavier soils of New Castle County, pH may need to be as high as 7.0.

For disease resistance, cantaloupes need more potassium than nitrogen, Walker says. Use a fertilizer such as 5-10-10, 5-10-15, or 8-10-10, (The numbers represent the ratio of nitrogen to potassium to phosphorous in the formulation.)

Poor flavor is sometimes due to a lack of magnesium or boron. If this is the case, Walker says to spray the foliage with a mixture of three tablespoons Epsom salts and one tablespoon borax per gallon of water. Spray when the vines begin to run, and again when the early fruit is one to two inches in diameter. Combine the mixture with a fungicide spray if you wish.

Bees spend their mornings gathering pollen from flowers. As they go from one cantaloupe flower to the next, they provide free cross pollination services, without which there could be no fruit. So if you spray your cantaloupes with insecticides, do it in the late afternoon or evening when the bees have gone home and won't be affected.

If you apply fertilizer properly, dont overwater, and wait until your cantaloupes are ready for harvest, the fruit should be succulent and sweet.

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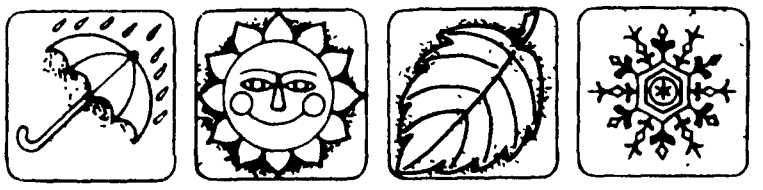

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Field Day cancelled

GEORGETOWN, Del. — The continued threat of avian influenza (AI) in Pennsylvania and Virginia has prompted the cancellation of this year's University of Delaware Farm and Home Field Day at the Georgetown substation, according to Ed Ralph, substation director and general chairman of the annual event, which normally takes place in August.

"This will be the first time in 40 years that field day has not been held," Ralph said, "but Delmarva's $860 million broiler industry is just too much to risk."

Great progress has been made in the AI eradication efforts in Pennsylvania and Virginia, but the threat still exists. Also, several Pennsylvania poultry flocks which were infected with the so-called mild form of the disease several months ago have not yet been depopulated.

Ralph explained that "It is the feeling of the U.S. Department of Agriculture and the Delmarva Emergency Poultry Disease Task Force that as long as there are any active cases of AI — and for a few months after the last known case is depopulated — all precautions must be continued on Delmarva. If the university held field day this year, it would appear to some that we are saying the threat of AI is past, and it certainly is NOT."

Donald F. Crossan, dean of the university's College of Agricultural Sciences and director of its Agricultural Experiment Station, added that "Since June 8, 1983, when we first received official word about the presence of AI in Pennsylvania, our research, extension and poultry diagnostic staffs have been working with Delmarva poultry industry personnel, state and federal authorities on a daily basis in an effort to prevent the spread of AI to Delmarva. To hold the field day this year would be inconsistent with the extensive disease prevention programs which have been in effect on the peninsula for the past several months."

Serious attempts have been made to eliminate all tours of poultry farms and facilities on Delmarva, as well as activities such as Farm and Home Field Day which would attract people from other states in the mid-Atlantic area — including those under AI quarantine.

According to Crossan, Farm and Home Field Day at Georgetown is the largest agricultural gathering sponsored by the University of Delaware. "Holding it is very important to our research and extension efforts," he concluded, "but not at the risk — no matter how slight — of providing a means of spreading AI to Delmarva. Though we have cancelled field day for this year, we look forward to resuming the event in 1985."

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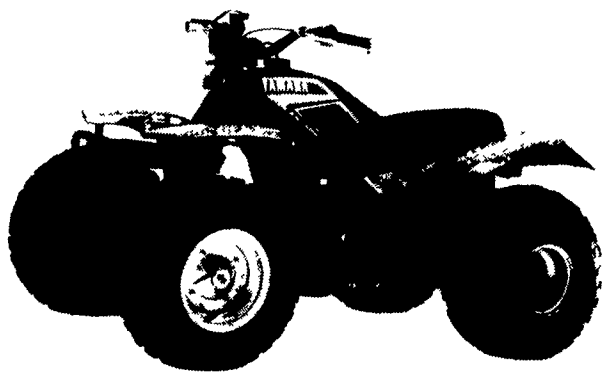

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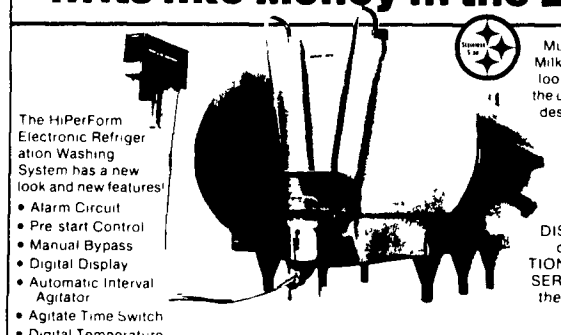

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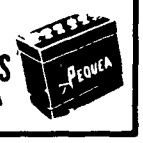

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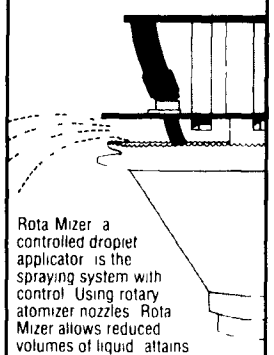

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Part-owner farm operators are increasing

ITHACA, N.Y. — Owning one's own farm – the rural version of the American dream – is a way of life that is being replaced by a different, yet respectable form of land ownership: part-owner operatorship.

The percent of farmland actually owned by farmers has declined dramatically since 1946, while the percent by part-owner operators has been increasing steadily.

These are some of the findings from a Cornell University analysis comparing U.S. Department of Agriculture surveys of farmland owners in 1946 and 1978. Demographic profiles, land tenure, and occupations of landowners were examined by rural sociologist Charles Geisler, agricultural economist Nelson Bills, and graduate students Jack Kloppenburg, Jr., and William Waters, all in the New York State College of Agriculture and Life Sciences at Cornell University.

Owners decline

In 1946, for example, individual farmers owned 70 percent of the U.S. farmland acreage. By 1978, that number had shrunk to 52 percent.

"There is a striking decline in the percentage of farmland owners identifying themselves as farmers and a precipitous rise in the proportion of partial owners and operators working off-farm," says Geisler, an assistant professor of rural sociology.

The major mode of landownership also has been shifting -- in 1946, three-fifths of all farmers were full owners of their land; today less than half are full owners.

Thus, farmland increasingly has been changing hands to nonfarmers. The proportion of all agricultural landowners who identified themselves as farmers fell from 65 percent in 1946 to 25 percent in 1978.

Taking other jobs

This dramatic change in the occupations of farmland owners may be attributed to farmers taking other jobs while retaining their farmland, and to nonfarmers who purchase agricultural real estate.

"In the past, business-professional individuals who owned agricultural land rented it to farmers; today, though, more of these individuals are operating it themselves," says Cornell's Geisler.

Consequently, in 1946, 10 percent of the owners were businessmen and professionals, owning 14 acreage; by 1978, 25 percent of the owners were business-professionals, but they still owned only 14 percent of the farland.

Female ownership

The Cornell researchers also found that although women owned 15 percent of the farmland in 1978, compared with 11 percent in 1946, men continue to control the bulk of farmland in private ownership.

"Even though women owned more land in 1978, their land was less valuable on the average then in 1946," Geisler notes.

One reason is that the actual size of farm units owned by women has declined over time and smaller units generally are worth less than larger units.

Another trend observed was the "graying" of farmland owners. The average age of farmland owners continues to rise; by 1978, it was 52 years, up 3 years over 1946.

Although older persons often retire from farming, many are holding onto their land to a remarkably late age as a hedge against economic insecurity, Geisler says.

Rural migration

The net migration buildup of people in rural areas between the 1970 and 1980 Census was accompanied by a shift of older people to the countryside. Thus, there are increases in the proportion of farmland owners

(Turn to Page E27)

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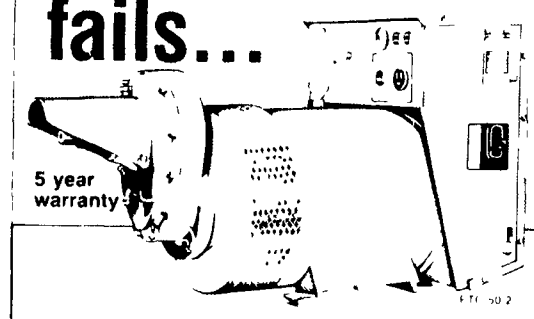
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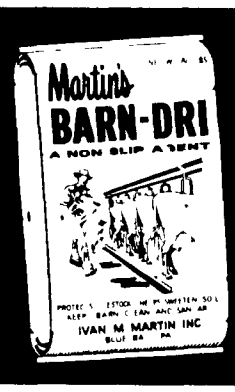

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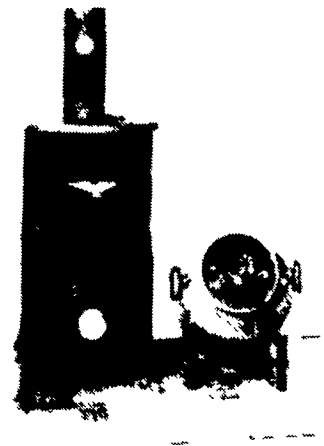
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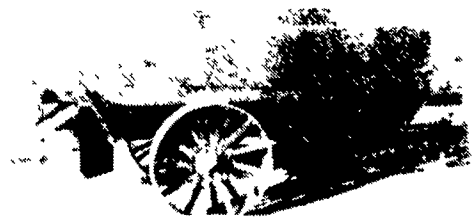
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Farm operators

(Continued from Page E26)

over 65, in the proportion of acres they own, and in the value of their farm real estate compared with 1946.

"The number of owner-operator landlords continues to wane. The agriculture ladder notion – where farmers gradually work up to owning their own farm and a model of agricultural mobility in past years – today is inverted. That is, commercial farming is now more apt to be associated rather than the ideal of full-owner operationship," Geisler says. ..... operatorship," Geisler says.

"Today, part-ownership of farmland is a respectable, perhaps necessary, endpoint. Those who are full owners of farmland today tend to be small owners."

The report, "The Structure of Agricultural Landownership in the United States, 1946 and 1978," is available by writing to "Search: Agriculture," Cornell University Agricultural Experiment Station, New York State College of Agriculture and Life Sciences, Ithaca, NY 14853.

June is dairy month

The Side-Mount Cutter That Cuts Costs.

June is dairy month

The new Bush Hog SM-60 side-mount cutter is engineered to cut the cost of cutting grass along roadsides, drainage ditches, and other sloping surfaces. It cuts purchase cost by giving you an automatically adjusting 275-pound counterweight included in the base price. Other side-mount cutters charge you over $100 for optional weights you can't even adjust. The SM-60 cuts maintenance and repair costs and downtime with a nationwide parts and service organization.

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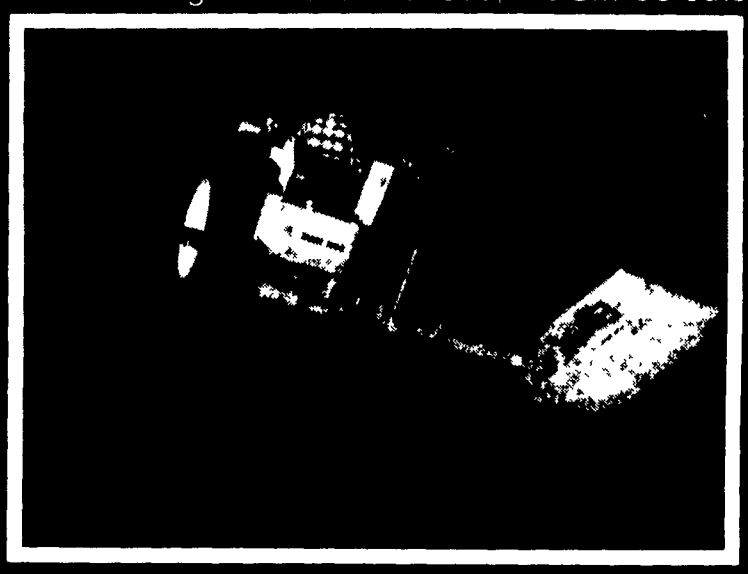

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A child's advertising chair "P. Nicholas" was sold for $250 and a cherry bedroom suite for $900.

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Prepare those bins for grain storage

NEWARK, Del. — In another month area farmers will be harvesting their wheat and barley. Many producers store this grain on the farm, so it's a good idea to prepare the bins ahead of time, says University of Delaware extension county agent Dean Belt.

"Before tackling the job, take steps to protect yourself," the agent advises. "Don't go into a grain bin without a good particle or dust respirator. The dust — especially mold spores — poses a serious health hazard." Also provide as much air circulation through the area as possible while cleaning.

Thoroughly clean all ceilings, ledges and walls, removing dust, dirt and old grain. Clean the outside storage area, removing any spilled grain and trash. This will help discourage rodents. "Don't forget to remove old grain left in the combine and grain-hauling equipment," Belt says, "though hopefully you've already done this."

Next take the necessary repairs to waterproof and rodent-proof the bins. You should now be ready to spray.

Spray walls, ceilings, ledges and other surfaces using one of the following treatments:

* Methoxychlor 50% WP — 1 pound in 3 gallons of water (treats 500 square feet).
* Methoxychlor 25% EC — 1 quart in 3 gallons of water (treats 500 square feet).
* Malathion (premium grade) — 1 pint in 3 gallons of water (treats 500 square feet).
* Pyrethrins 6% EC plus piperonyl butoxide 60% - in 1 pint in 7 gallons of water (treats 700 square feet). Read the label, follow directions carefully and use an approved chemical respirator while mixing and applying any of these materials.

The bins are now ready to be filled, but to protect new grain from insects during storage, Belt also recommends using a grain protectant applied as the grain enters the auger. The only product labeled for direct application to grain is premium grade malathion 57% EC at the rate of 1 pint in 2 to 5 gallons of water per 1,000 bushels of grain.

When the bin is full, spray 1 to 2 gallons of this mixture on the surface to protect the top layer. Repeat whenever the surface is disturbed.

"A few precautions taken early can save you from many problems later," Belt concludes. "Sanitation before filling is a must. Store grain at the proper moisture level, and store only clean grain. If you apply insecticides, use only labeled products. And wear recommended safety equipment. If you do all this, you and your grain should be in good shape."

The Delaware Cooperative Extension Service has published a new fact sheet, "Controlling Stored Grain Pests," available at county extension offices in Newark (451-2506), Dover (736-1448) and Georgetown (856-5250).

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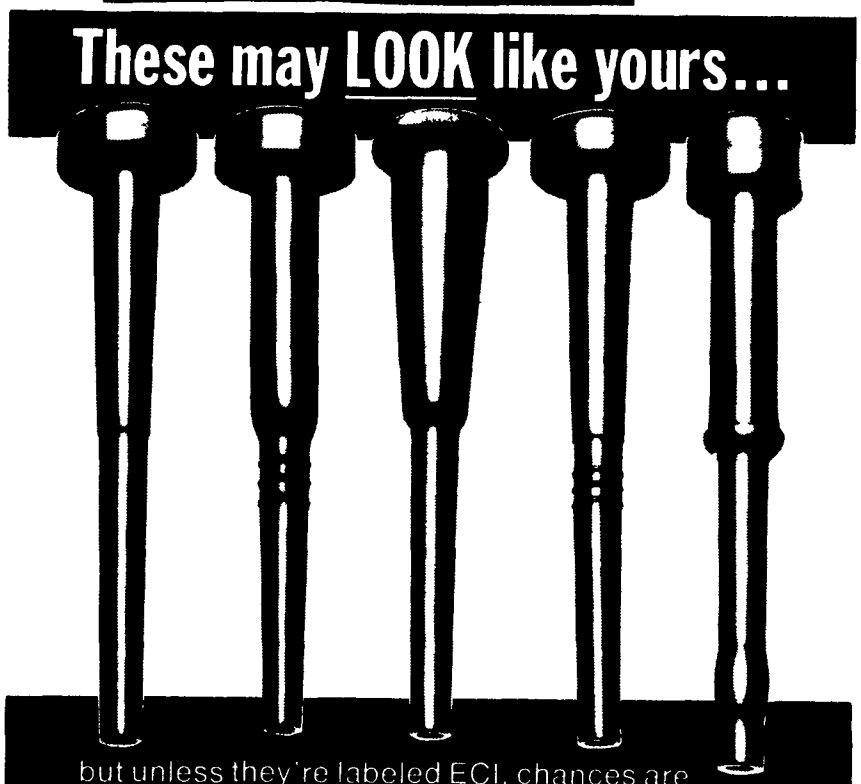

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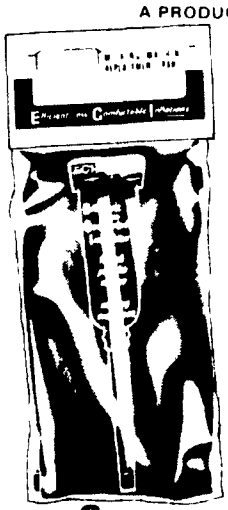

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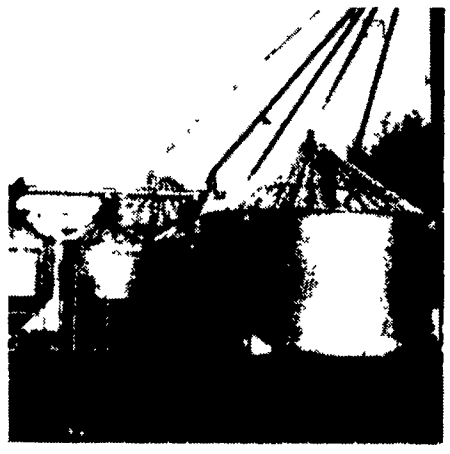

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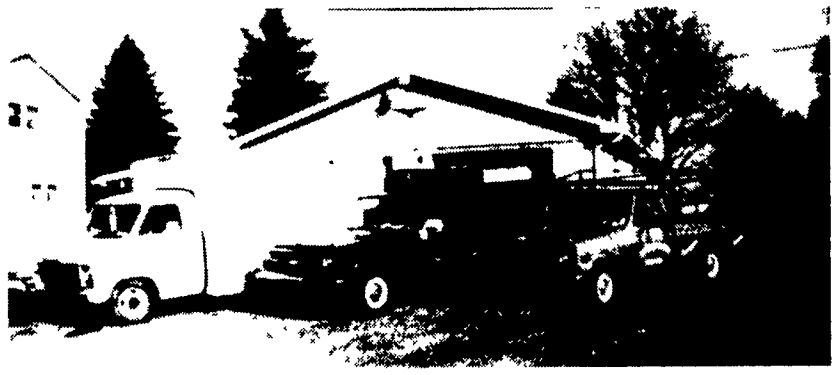

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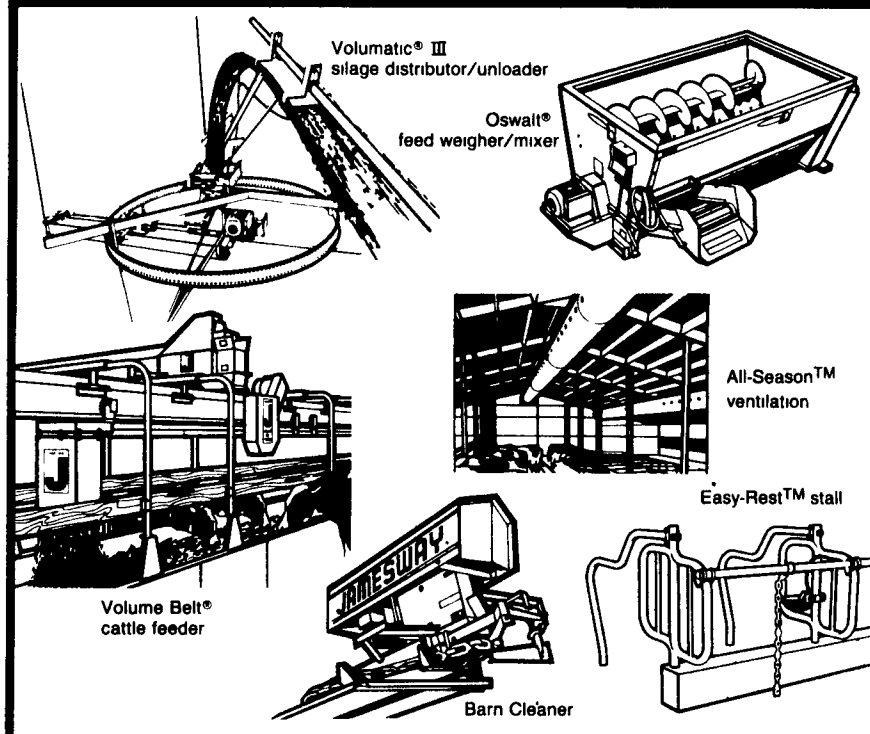

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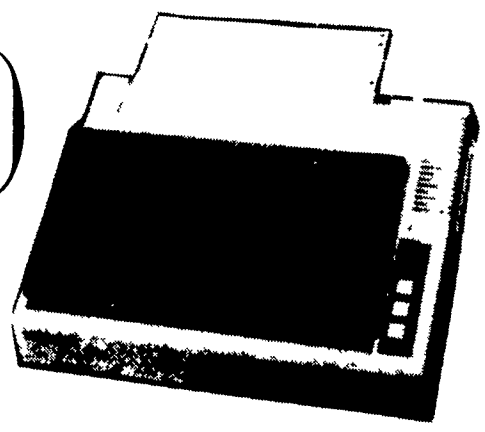

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Opaque containers help to protect milk flavor

ITHACA, N.Y. — Exposing milks to light causes losses in flavor and nutritive value, but these losses can be prevented by using containers that block the light. Fiberboard containers provide good protection, and amber colored returnable plastic containers, which are available in some markets throughout the Northeast, also protect milk.

A 1980 consumer taste panel evaluation revealed that some milks in clear plastic containers had light-induced, off-flavors. This prompted Cornell University food scientists to determine how much light entered these containers.

Tests revealed that significant amounts of light penetrated into the milk causing deterioration in vitamins A and B_2 (riboflavin), as well as flavor. Similar observations have also been made by other research groups int he United States, Canada, and Europe.

In view of these findings, the Cornell scientists set out to find a way to keep the light out and the vitamins in. Research by Frank Shipe, Gary Senyk, and David Bandler led to the development of creamy-yellow plastic containers that minimize flavor and nutrient losses.

"Development of the new containers was not simply a matter of tinting plastics, but the result of experimentation until the right combination of pigments in plastic were found that would block out light," says Shipe, a professor of food science in the New York State College of Agriculture and Life Sciences at Cornell.

Another concern of the Cornell scientists was to find a container color with high consumer acceptability. The story of their success has been presented to the American Dairy Science Association.

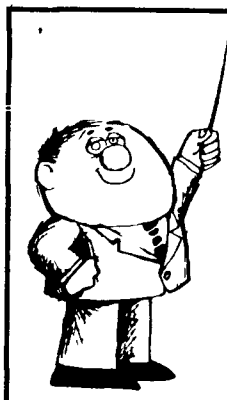
Light exposure can cause flavor and nutrient changes in many foods such as meat, vegetable oils, and orange juice. The extent of light damage depends on light intensity and length of exposure.

"Low fat and skim milks are especially sensitive, though, because light can readily penetrate into them if they are stored in unprotected containers such as clear glass or plastic," Shipe points out.

Substantial amounts of the vitamin A added to low fat and skim milks are lost on exposure to ultraviolet rays from the sun or fluorescent light. Visible light rays cause riboflavin (vitamin B_2) and flavor deterioration. Consequently, milk containers should block both ultraviolet and visible light.

Although many stores display milk under bright fluorescent lights, this source of light in stores is not the only culprit. Consumers who leave clear plastic jugs or glass bottles of milk on the kitchen counter in the morning sunshine are inviting damage, and so are those who tote unbagged milk jugs outside during the day. A thirty minute exposure to bright sunlight can cause more deterioration than 24 hours under fluorescent lights.

Cornell food scientists point out that consumers can avoid "light damage" by buying their fresh, wholesome milk in light-blocking containers.



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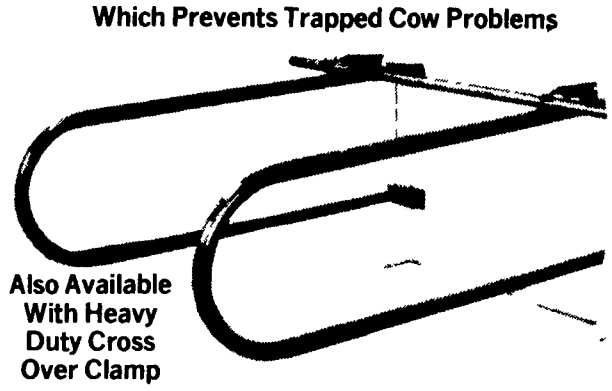
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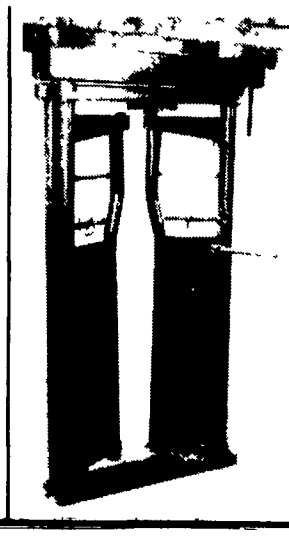
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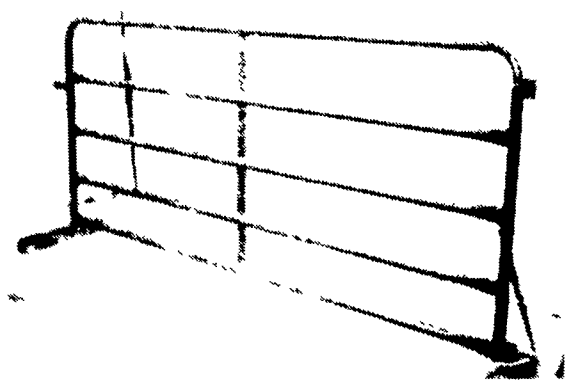
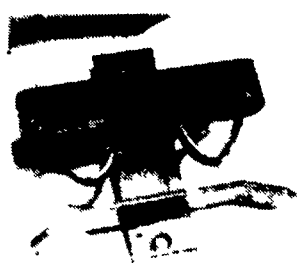
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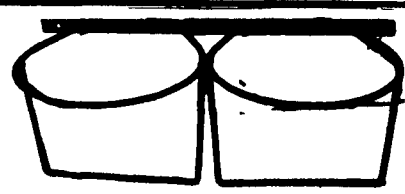
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Sale Reports

A Public Sale of new and used tractors and equipment was held May 17 by Miller's Sales & Services, Inc. 19 W. Penna Ave., Stewartstown, York Co., Pa. There were over 300 registered buyers at the sale.

Some prices were: 2 J.D. B tractors $630 & $425, A.C. C tractor $610, J.D. LI tractor $500 and J.D. riding mowers $400 to $1400.

Blaine N. Rentzel was the auctioneer.

XXX

A Public Sale of personal property was held May 19 by Richmond and Janice Young at 212 New Street in Terre Hill, Lanc. Co., Pa.

Some prices were: Lawn Boy riding lawn mower $260, Schwinn 27" 10 speed bicycle $85, cameras $20 & $22.50 and Hop-a-long Cassidy mug $9.

LeRoy S. Horst was the auctioneer.

XXX

A Public Sale of real estate and personal property was held May 19 by Oscar and Edna Bolton, R.D.4, Dover, Pa.

The 11½ acres was sold for $52,000 and included 9 acres tillable, 2½ story frame house, barn, hog pen and chicken house.

Other prices received were: Massey Harris pony tractor $1025, 6 volt windmill generator $110, sideboard $180, wooden barrel $32 and crocks $4 to $28 each.

Blaine N. Rentzel was the auctioneer.

XXX

A Public Auction of Dorset sheep and machinery was held May 19 by Mrs. Marion Brunges, R.D.2, Tunkhannock, Wyoming Co., Pa. There was a good turnout.

The top priced Dorset sheep sold for $190 and the second high was $175. Other items sold were M.M. 4 star tractor $2500, 1977 ¾ ton Chev. pickup turck $3500, and N.I. ground drive manure spreader $560.

Wayne Weaver was the auctioneer.

XXX

A Public Sale of real estate was held May 19 by Earl M. and Earla R. Martin, 321 Ridge Ave., Ephrata, Lanc. Co., Pa.

The 7½ acre farmette with a 2½ story frame dwelling, one bay frame bank barn, storage shed and frame brooder house was sold to John Horning for $95,000.

The auctioneers were Nevin Z. Martin and Lewis B. Groff.

A Large Public Auction of antiques and collectibles was held May 26 by Arthur L. and Marian G. Reist, 1050 Eden Road, Lancaster, Pa.

Some of the prices included: N.H. 5 h.p. engine $2000, swedge block $135, N.H. battery box $100, Remington Revolver $200, Annals of Conestoga Valley $425, fruit dryer $225, broad axe $250, newsboy's wagon $550, tape loom $650, cheese press $500, mill filing desk $240, copper kettle $130, carnival glass $100, hat pin holder $130, and carnival glass bureau set $260.

Alfred G. Reist, Auctioneer and E.M. Murry Associates.

XXX

A Memorial Day Sale was held May 28 for the Helen S. Shoup estate when real estate was sold and antiques. The sale was held at the Marion Shoup Hufnagle farm south of Catawissa next to Kulp Church.

The 4 acres of woodland with a 2 story dwelling and a spring fed pond was sold for $27,500.

Other prices were: blind corner cupboard $1600, 9 pane corner cupboard $2100, oak bedroom suite $350, oak drop front desk $210, starburst quilt $375, oak table $190, Rem. Model 14½ pump $350, 12 gauge pump gun $75, package of post cards $55 and album of post cards $45.

Auctioneers were Donald E. Hock and George J. Henry.

XXX

A Public Sale of farm equipment was held May 26 by Paul Faust on Route 443 between Pine Grove and Friedensburg, Sch. Co., Pa.

Some prices received were: A.C. Big 10 garden tractor $1100, Farmall H tractor $1075, flat bed hay wagon $230, 2-wheel trailer $200, Wisconsin air-cooled engine $100, grain drill $60, sausage stuffer $80 and butcher kettle w/jacket $120.

Jay Riegel, Jr. was the auctioneer.

XXX

A Public Sale of real estate and household goods was held May 26 for the Noah B. Weaver Estate along Route 23 between Churchtown and Morgantown in Lanc. Co., Pa.

The frame rancher with aluminum siding and attached 1 car garage east of Churchtown was sold to Joshua Stoltzfus of Churchtown for $57,000.

Other items sold were: glass pitcher set $390, china closet $450, quilt $75, refrigerator $360 and 8 day clock $450.

Auctioneers were LeRoy S. Horst and Paul W. Horst.

XXX

A Holstein Dispersal was held May 25 by The Brick Remsburg Family (Todd, Larry, David), 6028 Jefferson Pike, Frederick, Md.

There were 92 head sold which included 50 cows and 42 heifers. The average of all the animals including calves was $1295.

The top registered Holstein sold for $7600, the 2nd high was $4500 and the 3rd brought $4200.

Remsburg Sale Service conducted the sale.

XXX

A Complete Dispersal of machinery and grade Holsteins was held May 25 by Guy Spencer, 2 miles from New Albany, Pa. in Bradford County.

The top Holstein cow sold for $1020 and the first 20 averaged $800 while the first 38 animals sold averaged $720.

Other prices were: Ford 7600 tractor $7850, Farmall 400 tractor $1950, Farmall M tractor $1600, 1968 Ford 1 ton dump truck $2575, N.H. 489 haybine $4700, N.H. 311 baler $5800, N.H. 56 rake $750, Better Bilt tank spreader $2100, Gehl forage box $1000, A.C. 6 row no-till planter $1325, N.H. 770 chopper (no head) $3175 and 18x25' silage $2150.

Jim Adriance was the auctioneer.

XXX

A Complete Cattle and Machinery Dispersal was held May 24 by Jack and Carol Wood, 2 miles west of Cincinnatus, N.Y. on the Telephone Road.

The 80 registered and grade cows averaged $846. The top cow sold for $1375 and the 2nd high cow brought $1325.

Other prices were: 1979 White 2-105 D tractor $13,000, Int. 1206 D tractor $8800, N.H. 273 baler $5200, Int. 56-4 row corn planter $1400 and 1963 Lincoln Continental $700.

Auctioneers were Arlo Kiehl, Peter Robinson and Bob Lathrop.

XXX

A Public Auction of real estate and farm machinery was held May 26 for Paul Netzley, Sr., West Cocalico Twp., Lancaster Co., Pa.

The 11 acre farm was sold for $71,000 to Luke and Wila Ulrich, R.D. 2, Denver, Pa. It included a frame bungalow, frame barn, brooder house and three strong walled springs plus a pond.

Other prices were: Farmall model A tractor $1900, small N.I. manure spreader $380, N.I. hay rake $115 and disc harrow $140.

Paul E. Martin and John D. Stauffer were the auctioneers.

XXX

A 2 day Public Sale of antiques was held May 22 and May 26 by Leah E. Fisher, 403 Penn Ave., Wernersville, Berks Co., Pa.

Some outstanding prices were: 9 pane corner cupboard $3400, 12 light corner cupboard $2200, Grandfather's clock $1150, 1839 woolen coverlet $3000, 1843 wooden coverlet $2500, antique quilt $625, cherry dropleaf table $450, hightop drysink $1200, low drysink $450, walnut sideboard $575, decorated high chair $200, antique cradle $525, egg basket $200, slipware pie plates $335 & $380, stoneware jug $255, small wire basket w/glass eggs $125, spatter pitcher $205 and spatter platter $290.

T. Glenn Horst and Timothy G. Horst were the auctioneers.

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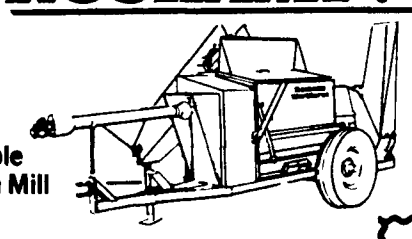

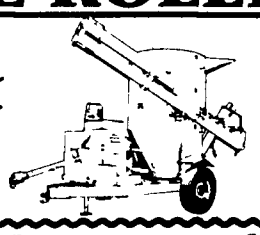

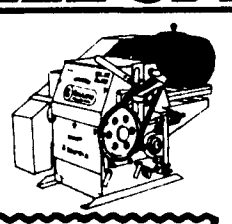

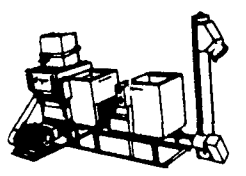

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June is dairy month

It's still possible to get started in dairying

ITHACA, N.Y. — Although many dairy farmers hve been experiencing financial difficulty the past several years, an agricultural finance expert at Cornell University says young men and women are still choosing dairy farming as a career.

There are many ways to enter farming, such as renting, buying, partnership, farm employment, and part-time farming. All can be viable options with a reasonable chance of success, according to John Brake who recently completed a study of how New York State farmers entered the business.

"Most of the ways to get started in farming can be successful if the farmer is careful," says Brake, the W.I. Myers Professor of Agricultural Finance in the New York State College of Agriculture and Life Sciences at Cornell. The study of 37 farmers was conducted with research associate Marc A. Smith.

Innovative options

"Farmers in heavy debt are usually under the greatest financial pressure, so beginning farmers might well consider innovative options that don't require the borrowing of large sums of money."

Farmers in the study were not random selections, but rather were chosen by Brake and Smith to represent a wide variety of ways to enter farming.

Farmer investments in the study ranged from $12,500 to $697,000 and averaged $263,387. The number of cows owned or leased was from 11 to 150; cropping ranged from zero to 600 acres.

"Getting started in farming is a complicated, risky process," Brake points out. "The margin for error in beginning farm management decisions is small. Make the wrong decision, or even fail to make an important decision, and you could be finished."

More alternatives

Nevertheless, Brake maintains that starting and surviving in a farm business is probably no more difficult than in many other small businesses.

"In fact, there are likely more alternatives for help for those getting started in farming than for any other category of businessmen," Brake says, referring to Cooperative Extension agricultural agents, lenders, other farmers, friends, and relatives.

He and Smith did not find a particular route of entry that ensures success more than any other; yet the study did highlight some common mistakes made by beginning farmers – mistakes that sometimes were fatal for the business.

Common pitfalls

Brake, therefore, is able to suggest ways to avoid common pitfalls:

— Always have a written contract with your partner (s), landlord, lessor, or other business associates. "Even if your partner is your father, a written contract is extremely important to keep terms clear – for both parents and children," Brake says.

— Plan well. "Several of our farmers made the mistake of not having enough feed for the winter. By the time they needed it, they were very short of cash."

— Carefully check out farm resources such as land, machinery, and the health of your herd before you are committed to purchasing or renting them. "Some of our farmers, for example, bought bred heifers without having pregnancy verified by a veterinarian," Brake says. "Others didn't test their soil. Still others leased or bought used machinery without a thorough check. These can be very serious mistakes."

— Don't attribute poor results to bad luck. "Describing poor management of the business as bad luck won't work. Problems must be recognized and solutions found. Most problems are the result of poor management, unforseen circumstances, and the inability to respond in an appropriate way," Brake points out.

Get advice

— Get quality advice for all major decisions. "There is an abundance of expertise available to starting farmers. It should be used," Brake advises.

— Don't be afraid to be creative and innovative. "Resourcefulness in getting control of resources and in adjusting to and recovering from farm entry setbacks was a valuable asset that contributed to the eventual establishment of successful farm businesses," Brake says.

Although 1984 is another tough year for dairy farmers, there will still be some people who want to start dairying.

"There's always a turnover of farmers as some older farmers retire or die. Some replacement should occur every year. Just because a few years are tough doesn't mean that young people shouldn't start farming. Sometimes it's good to start when things are tough because times can only get better."

Some of the farmers Brake and Smith studied started in 1979, when times were good, paid top dollar for land and cows, for example, and then saw values erode. "One never knows until several years later whether a particular year was a good time to start," Brake concludes.

The study report, AE Research 83-86, is available throughout New York State at numerous county offices of Cornell Cooperative Extension, or from the Department of Agricultural Economics, Warren Hall, Cornell University, Ithaca, NY 14853.

USDA cites weather emergency

COLLEGE STATION, Tex. — Secretary of Agriculture John R. Block has announced emergency measures implemented by the U.S. Department of Agriculture to aid producers in areas still affected by a continuing drought and other adverse weather conditions.

Block said the emergency measures include expanding the emergency feed assistance program, allowing haying and grazing on cropland taken out of production in the 1984 farm programs, and providing assistance to livestock producers in locating hay or other roughage.

Approval for haying and grazing privileges on idled cropland in the 1984 farm programs will be given on a county-by-county basis. Producers should contact their local Agricultural Stabilization and Conservation Service office for information on obtaining these privileges. Block said he has directed ASCS to give requests for approval highest priority. "I would like to see a 24 to 48-hour turnaround in handling the requests," he said.

The agency also is providing the assistance in locating hay or other roughage for livestock producers to purchase. All ASCS offices will maintain updated lists of producers who have hay or other roughage available for sale in each state. Producers needing assistance should contact their local offices, Block said.

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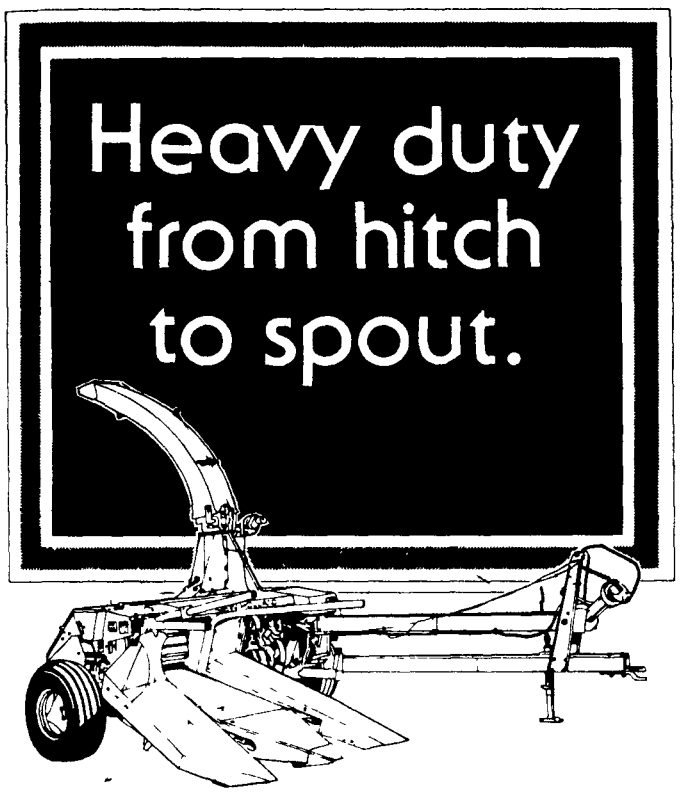

MODEL 892

The Model 892 is a large capacity pull-type forage harvester built for big-tractor horsepower The "892" can be used with tractors up to 175 horsepower

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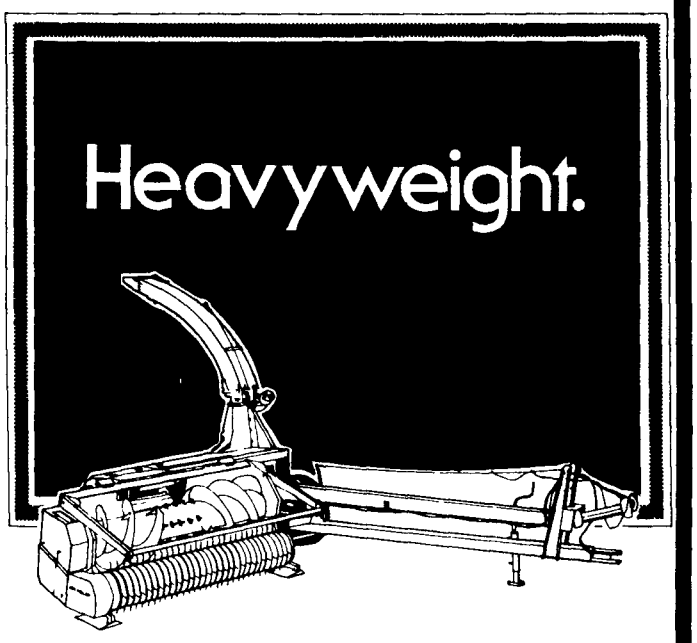

MODEL 782

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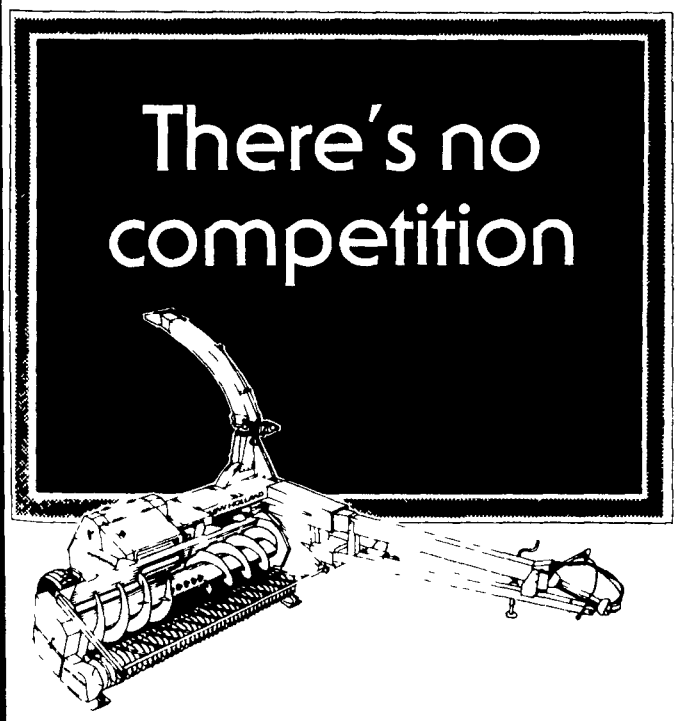

MODEL 1600

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MODEL 718

Sale Reports

A Public Auction of masonry equipment was held May 9 by "Skip" Long, R.D. 2, Annville, Lebanon Co., Pa.

Some prices were: Koehring Master F36 7 hp. troweling machine $1000, Cornell log splitter $650, Int. 2404 Industrial Utility tractor $3850, Chev. Custom 30 dump truck $1950, 1978 Bayrunner boat $1000, Essick cement mixer $700 and sections of scaffolding $87.50.

Harry H. Bachman was the auctioneer.

XXX

A Public Auction of antiques and a car was held May 19 for the Joe and Anna Powlus estate, Second & Wall St., Nescopeck, Pa.

Some prices included: Molly McGuire death notification $130, large death warrant notice from Sheriff of Schuylkill Co. $240, Indian artifacts (arrowheads in frame) $350, $450 & $250, 3-face salters $27.50 each and 1953 Packard 2 door hardtop $5250.

Dan Nevius and Olen Knecht were the auctioneers.

XXX

A Public Auction of machinery and household furnishings was held May 19 on Route 29, north of Collegeville, Pa. There were 170 registered buyers present.

Some prices included: 1½ HP Ingersoll Rand air compressor $800, Serpentine oak bureau $240, marble top chest of drawers $625, oak coat rack $200, 2 row corn planter $475 and 1000 pound Hyd. lift $450.

Ken Moyer was the auctioneer.

A Public Sale of real estate and household goods was held May 19 by Edward and Margarie Propst ¼ mile north of Cochranville, Chester Co., Pa. There were 280 registered buyers at the sale.

The 12 acre farmette was sold for $78,600 and included a 2½ story house, 2 story barn, 2 sheds and a corn crib. The buyer was Cox W. Shepherd of Cochranville.

Other prices were: oak dresser $180, porch swing $40, rocker $20, highchair $30, cupboard $85, oak round table $270, Norge refrigerator $65, J.D. 820 D tractor $3190, trailer $420, generator $475, Sears manure spreader $85, J.D. 2-B plow $380, 5' rotary cutter $600 and White T110 riding tractor w/mower $750.

Steve Petersheim was the auctioneer.

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Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

JUNE

SAT JUNE 2 10 AM Public Auction Benefit of Quilts, 3-D Painting, 75 Passenger Van & Many Other Items Located at the Lebanon Fairgrounds off Rt 72, Lebanon, PA New Covenant Christian School, Owners Harry Bachman, Auctioneer

SAT JUNE 2 10 30 AM Annual Consignment Sale of Antique Gas Engines, Tractors, Machinery and Misc Items Located at Penns Cave, Centre Hall, PA Nittany Antique Machinery Association Owners Larry F Harpster, Sale Manager

SAT JUNE 2 10 AM Public Auction of Antiques, Collectibles, Bar Room Equipment & Misc Items Located at 313 Mahantongo St Pottsville, PA Dockey, Dockey & Deppen, Auctioneers

SAT JUNE 2 11 AM Public Auction of the 74 + Ac Hawthorne Farm Selling 10 parcels from 1 ac to 16 ac Located in West Brandywine Twp, Chester Co, PA From Rt 30 & 100 (Exton) west on Rt 30 bypass to Rt 82 north, approx 2 miles to Cedar Knoll Rd left to property Mr & Mrs Byron Hawthorne Owners Louis Traiman Auction Co

SAT JUNE 2 9 AM Public Auction of a Complete Dispersal Sale of New and Used Lawn & Garden Equipment & Parts Located along Stony Battery Rd, Rt 23 West of Lancaster at Oyster Point Turn south off Rt 23 at the Hempfield U M Church Charles Dambach, Owner Wolgemuth Auction Service

SAT JUNE 2 8 30 AM Public Auction of Farm Machinery, Tools & Antiques Located about 2 miles west of New Freedom, following New Freedom Rd past the Summit Grove Camp Grounds to Oakland Rd Turn right and proceed to sale on left or about 2 miles east of Middletown Rd taking Keeney Mill Rd to Oakland Rd to place of sale on right in Balt Co, MD Earl & Mary Zimmerman, Owners Bob & Tom Sechrist, Auctioneers

SAT JUNE 2 - 9 AM Public Auction of a Fine Collection of Antique Furniture, Glassware, Household Goods & the 19 Acre Country Estate C Moses Stein Estate Ralph W Zettlemoyer Auction Co, Inc

SAT JUNE 2 - 11 30 AM Spring Run Jersey Farm Dispersal Selling 95 registered Jerseys Located at the farm, New Wilmington, PA For information contact Jersey Marketing Service, Columbus, Ohio

SAT JUNE 2 9 AM Public Auction of Antiques, Household Goods, Ford Tractor, Horse and Farm Equipment Located northeast off Rt 73 at Pleasantville traffic signal (between Oley & Boyertown) Travel 3 miles on Oysterdale Rd leading to Landis Store, Pike Twp, Berks Co Nevin Moyer Estate Frey Auctioneers

SAT JUNE 2 9 30 AM Public Auction of Forklift, Line Equipment, Trucks, Vans & Cars Located in Pennsauken, NJ at the US Steel Plant on River Rd New Jersey Bell, Owners Vilsmeier Auction Co, Auctioneers

SAT JUNE 2 - 10 AM Public Auction of Farm Machinery Located at Northeast Auction Center, Rt 5, Vernon, NY The N G Deppoliti & Sons premises Northeast Auction Center, Auctioneers

SAT JUNE 2 10 AM Public Auction of Real Estate (2), House & Garage Building Lots, Antiques, Household Goods, Truck, Farm & Lawn Equipment, & Tools Located at 299 Shultz Rd, Pequea Twp, Lanc Co, PA (take Rt 324 south of Lancaster to New Danville At traffic light turn left onto Martic ville Rd Go 1 block and turn left onto Newswanger Rd Then turn right onto Schultz Rd to sale Paul L Hackman Estate Howard Shaub, & Roy C Probst, Auctioneers

SAT JUNE 2 10 30 AM Public Auction of Real Estate Located in Middlebury Center, PA on Rt 287 in Tioga Co 3 miles off Rt 6 west of Wellsboro, PA 7 miles off Rt 15 north of Mansfield, PA Tom & Rheta Ingerick, Owners Tom Young, Auctioneer

SAT JUNE 2 9 AM Public Auction of a Complete Dispersal of Dairy Head and Farm Machinery Located off Rt 103, 3 miles from McVeytown, PA or 10 miles from Lewistown, PA Mr & Mrs H Robert Ritchey, Owners Ron Grassmyer & Mark Yoder, Auctioneers

SAT JUNE 2 10 AM Public Auction of Unclaimed Police Property, Surplus City Vehicles & Equipment Located at the City of Newark Warehouse, Phillips Ave, off Ritter Lane Rudnick Assoc, Auctioneers

SAT JUNE 2 9 AM Public Auction of the Living Word Academy Christian School Benefit Sale Featuring 50 Handmade Quilts - Antiques, Furniture, Vehicles, Household & Recreational Goods Crafts, Plants, Toys & Services Located at the Worship Center 2384 New Holland Pike (Rt 23), Leola, PA Approx 4 miles east of the Rt 23 exit off Rt 30

SAT JUNE 2 1 PM Public Auction of the Maryland Co op Guernsey Heifer Sale Located at the Agricultural Center, Westminster MD For information call Paul E Spurrier, 301 898 9353 Eugene Bending, 301 756 2811, Chuck McLaughlin, 301 756 6045 or John Merryman 301 771-4624

SAT JUNE 2 10 AM Public Auction of Household, Collectibles, Construction Supplies & Tools, & Cars Located at Rear Boyde Kline Complex on Old Rt 11, across from Bloom Electric, in the 1100's, Bloomsburg PA Carl Levan, Owner John Autotore, Auctioneers

SAT JUNE 2 9 AM Public Auction of Antiques, Household & Farm Items Located taking US Rt 30 1 2 miles west of New Oxford, PA Turn left onto T-493 (Fleshman Mill Rd) and continue to sale site Mrs Vernon (Edith L) Rife, Owner C David Redding, Auctioneer

SAT JUNE 2 12 NOON Public Auction of a Complete Dispersal Sale of Real Estate, Timber, Personal Property Located at the farm on North Street 3 miles north of Rt #206 at Triangle Triangle is 5 miles east of Whitney Point and 6 miles west of Greene Arrows off Rt 206 in Triangle Charles & Elfreda Angel Owners Mel Manasse Auctioneer

SUN JUNE 3 - 1 30 PM Public Auction of Restaurant Equipment Located at 157 West Main St, Bloomsburg, PA Mr & Mrs Wilmer Garrison Owners John Autotore Auctioneers

SUN JUNE 3 5 PM Public Auction of Antique Guns Located at Colonial Motor Lodge, Denver Ephrata, PA Auction Unlimited

MON JUNE 4 5 30 PM Public Auction of Lots of Hand Tools, Power Tools, Fishing Rods, Reels & Tackle Located at 2104 Clover Hill Rd, West Ridge Development Lancaster, PA At traffic light in Millersville, take Millersville Rd west about 2 blocks and turn right on to West Ridge Dr Then turn left onto Clover Hill Rd to sale Mrs Paul Roland, Owner Howard Shaub & Roy C Probst Auctioneers

AUCTION

Estate of LaRoca Faye

SATURDAY, JUNE 23, 1984

REAL ESTATE-ANTIQUES-HOUSEHOLD ITEMS

Starting 10:00 A.M.- Real Estate offered 12:00 Noon

Loc.-2½ miles North of Blossburg Pa. on Rt. 15, 7 miles south of Mansfield, Pa. on Rt. 15.

Real Estate consist of 56 acres approx. 20 acres woodland 2 story house full basement, small barn with cement floor. House consist of kitchen, living room, full bath, pantry, and 3 other rooms that could be made into bedrooms, upstairs 4 bedrooms, walk in attic, forced hot air gas heat, dependable spring water. For more information call (717) 324-6781. Watch for future listing.

Terms - 10% down day of Auction balance in 30 days

Estate reserves the right any or all bids

Auctioneer Note: Would make nice farmette or hunting cabin, borders state gamelands, in Covington Twp., Tioga Co.

Auctioneer: Ron Mase
RD 1 Box 78
Liberty, Pa. 16930
(717) 324-6781
Attorney, Larry Linder, Wellsboro, Pa.
AU-002082-L

Lunch
Held Under Tent Bring Chairs

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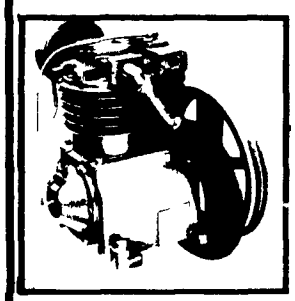

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PUBLIC SALE OF VALUABLE ANTIQUES-COLLECTIBLES & PERSONAL PROPERTY ON SAT. JUNE 9, 1984 at 9:30 A.M.

at R D #2, Columbia, Pa, located along Hempfield Hill Road which is off old Lincoln Highway or Marietta Pike in W Hempfield Twp The undersigned Executor of the Mary Mowrer Estate will offer at public sale the following -

ANTIQUES

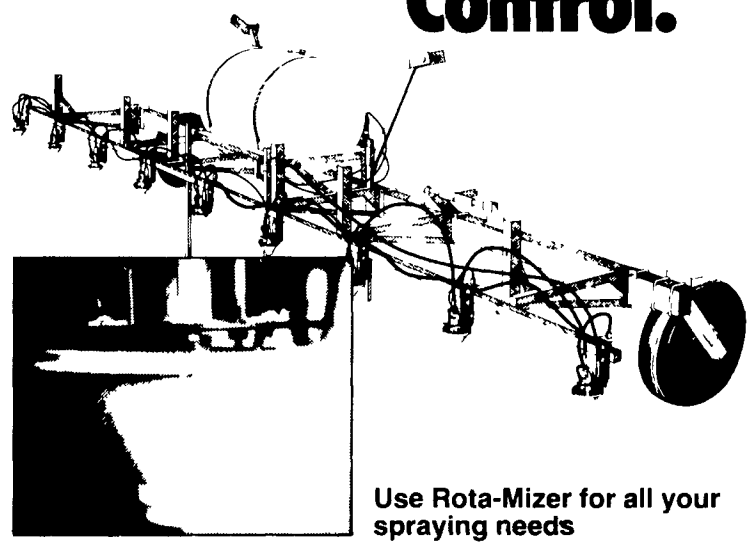
Deacons bench dry sink with top 2 blanket chests oval front china closet 3 & 6 pc oak bedroom suites 3 pc marble top bedroom suite sideboard rockers gateleg & drop leaf tables kitchen chairs 2 couches fancy Weaver organ & stool mirror 5 pc Victorian parlor suite trunks woodbox picture frames childs potty chair 2 wooden comodes bench victrola odd chairs & stands kerosene lamps 4 pitchers & bowls jugs & crocks iron kettle radios assorted old dishes & glassware sml collectibles a general line of personal property & household goods & many other articles to numerous to mention

TERMS Cash, Cashiers or Travelers checks, no personal checks unless a regular & approved customer
Not responsible for accidents on day of sale

Executor
RICHARD G. MOWRER
Jacob A. Gilbert
Brian L. Gilbert,
Auctioneers
Pa. License #336
Phone 252-3591
David T. Mountz,
Attorney

Refreshments Available

The difference is— Control.



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Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON JUNE 4 - 5 PM Public Auction of Antiques, Collectibles & Other Items Located along Ridge Rd leading from Sinking Spring to Denver about ½ mile from intersection of Rt 897 Lanc Co, PA Mahlon Keith, Owner H H Leid Auction Service

PUBLIC AUCTION

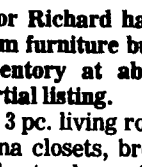
60 OLD ENGINES, PRIMITIVES, ANTIQUES, ETC.

(Collection of the late David F. Albert) located at warehouse 18 miles N. of Williamsport, Pa., at Calvert.

SATURDAY, JUNE 16, starting 10 A.M.

Absolute Auction, no minimums — no reserves **Hit & Miss engines include:** NH 9893 type P 5 hp, Gray Bros 6 hp, Cushman 3 hp, Fairbanks-Morse 1½ & 2 hp, New-Way, Ideal, Kohler, Foster & Hosler, Hit & Miss w/generators, 4 Delco model 850, F M type T, Phelps, Willys, Myerlite, Alamo, Lalley, Delco 10AA1, Genco, Delco 8XP3, Sterling, Hobart, Nova, Maytag, Reo, app 27 old engines for parts or repairs, **Leader Gas farm tractor:** Fordson tractor on steel, Farmall F-20 tractor, the Champion #1 wood thresh machine made by Keystone Agri-Works, reaper, binder, coffee mill & grinder, boring machine, scaled down model wooden bridge, many other primitive items, etc

Auct. Note: Mr. Albert was a long-time collector of gas engines & primitives — plan to attend.



Conducted by FRALEY AUCTION CO. (717) 546-6907.

Tent if inclement

GOOD'S AUCTION

111 N. Maple Ave. Leola Pa.

Hay and Straw Sales Every Wed.
At 12:00 Noon

FARM MACHINERY SALES
FIRST AND THIRD WED.
FEB. THRU OCT.
AT 9:00 A.M.

Loading Hours 8:00 a.m. To 6:00 p.m.

ALL KINDS OF BUILDING MATERIAL
At 11:00 A.M.

No Household Items
No Junk
No Out Of State Checks
Flea Market Stands Available
First and Third Wed.
At $3.00/$4.00

Goods Auction
111 N. Maple Ave.
Leola PA. 17540

AUTOTORE'S AUCTION

SATURDAY, JUNE 9

starting at 10 A.M.

Loc. 41 East Diamond Avenue, Hazleton, Pa.

Poor Richard has lost his lease & Is retiring from furniture business & selling his complete inventory at absolute auction — This is a partial listing.

2 & 3 pc. living room suite, bunk beds, hutches, china closets, breakfast sets, rockers, chairs, end stands, coffee tables, stereo's, gilted mirrors, picture frames, stand lamps, sewing machines, brass head-boards, bedrooms suites, sng. double, & queen box springs & Mattresses, bufets, plus many second hand items. Poor Richard has 2 floors loaded W/items that he must clear to the bare walls.
(Plan to Attend)
Terms - Cash

Seller
POOR RICHARD

Auctioneer-
John Autotore 784-3506
(AU-000031-L)
John Jr. 784-0381

TUES JUNE 5 - 6 PM Public Auction of Restaurant Equipment Located at 5640 Allentown Blvd, Rear of Smokin Freedy's Bar B Que PA Gentleman Restaurant, Owners Kerry Pae, Auctioneers

TUES JUNE 5 - 11 AM Public Auction of a Dairy Herd, Milk Tank, Milking Equipment, Hay & Straw Located (3 miles N of Easton) Exit off Rt 22 at the 25th St exit & Rt 248 Go N approx 3 miles to Northwood Racquet Club, turn W onto Northwood Ave, to 1st farm Northampton Co, PA Lieberman Farms, Inc, Owners Ralph W Zettlemoyer Auction Co, Inc

TUES JUNE 5 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JUNE 5 - 11 AM Public Auction of 113 Head of Registered Holsteins Located near Germantown, in Montgomery Co, MD Take the Germantown exit off Rt I-270 and go through Germantown 1 mile to farm on left William Parreco, Owner Remsburg Sale Service, Auctioneers

THURS JUNE 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

THURS JUNE 7 11 AM Public Auction of the Merri Buck Complete Holstein Dispersal Sale Located just off Rt 44 on Glaze Rd, 3 miles from Turbotsville, 2 miles from McEwensville, 18 miles from Dansville, 20 miles south of Williamsport Only 3 miles off newly marked I 80 Park L & Mary Ann Buckwalter, Jr, Owners Gordon & Ron Wood, Auctioneers

FRI JUNE 8 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

FRI JUNE 8 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 8 - 11 AM Public Auction of a 2 Day Antique Auction Selling China, Primitives, Tole, Glassware, Dec Stoneware, Dutch Cupboard, Dry Sinks, Corner Cupboard, Lamps, Railroad Items, Dolls, Carousel & Textiles Located between Allentown and Harrisburg at Kempton Community Center, Kempton, PA, Berks Co Off Rt 22, Lenhartsville-Exit Rt 143, N 4 miles or Krumsville Exit Rt 737 N 5 miles Jay Riegel, Jr, Auctioneer

FRI JUNE 8 10 AM Public 2 Day Auction of Antiques & Household Located 5 miles west of Selinsgrove, PA along Rt 35 on Market St in the borough of Freeburg, Snyder Co, PA Charles A Klein, Sr & Emily R Graybill Klein, Owners Dale L Longacre, Mark J Jones, Roger A Lauver, Auctioneers

FRI JUNE 8 8 PM D S T Complete Holstein Dispersal, Purebreds and Grades, 35 Head 16 Registered Cows, to be held at Smoketown Quality Dairy Sales, Co Smoketown Pa Rte 340 5 miles East of Lancaster 5 miles West of Intercourse, Lancaster County, Pa Sale Managed by Gordon and Helen Fritz

FRI JUNE 8 - 11 AM Public Auction of Farm Machinery Located off Rt 83 at Exit 12 east on Locust Point Rd Watch for signs Eli Rudaciile, Owner Blaine Rentzel, Auctioneer

SAT JUNE 9 - 1 PM Public Auction of 2 Valuable Woodland Tracts Located in Caernarvon Twp, Lanc Co, PA Travel north on Rt 10 approx 2 miles from Honey Brook to Twin County Restaurant Woodland onleft Both tracts front on Shirktown Rd Thomas W, Ray J & Debbie Bannon, Owners Randal Kline, Lloyd Kreider & Roy Good, Jr, Auctioneers

SAT JUNE 9 - 9 30 AM Public Auction of Valuable Antiques, Collectibles & Personal Property Located at R D 2, Columbia, PA, along Hempfield Hill Rd off Old Lincoln Hwy or Marietta Pike in W Hempfield Twp Mary Mowrer Estate Richard G Mowrer, Executor Jacob A & Brian L Gilbert, Auctioneers

SAT JUNE 9 10 30 AM Public Auction of Trucks, Trailers & Real Estate Located at the yard on Roosevelt Ave, south Plainfield, NJ Take Rt 287 to 529 Stelton Rd to New Brunswick Ave to Tyler Str to So Clinton Ave Turn on Sage Str to Roosevelt Ave Arrows Posted Hough Boyle Estate Arthur D Merrill, Executor Col Fred R Daniel Auctioneers, Inc

SAT JUNE 9 - 9 30 AM Public Auction of Cars & Vans Located in Wrightstown, PA held at the Middletown Grange Fairgrounds on Penns Park Rd Bell Telephone Co, Owners Vilsmeier Auction Co, Auctioneers

SAT JUNE 9 - 10 AM Public Auction of Valuable Real Estate, Farm Machinery, Tools & Few Household Goods Located in Berks Co, PA, 6 miles east of Fredericksburg, 15 miles north of Myerstown From Old Rt 22, go north at Esther's Restaurant on Blue Mountain Rd 3 miles to sale John & Carolanne Scheidel, Owners, Steve Petersheim, Auctioneer

SAT JUNE 9 - 9 AM Public Auction of Antiques, Fine Furniture, China & Glassware, Blacksmith & Other Tools, Wood Carved Replica Wagons, English Stagecoach w/Horse Hitch & 2 Men, 6 Horse Hitch Conestoga Wagon, Mechanical Clock Horse & Buggy, Etc Located in doors at the Carnival Grounds just off Rt 73 between Reading & Boyertown in Oley, Berks Co, PA David S Allgyer, Auctioneer

SAT JUNE 9 - 10 AM Public Auction of Valuable Antiques & Personal Property Located at 317 Murry Hill Dr, Lancaster, PA (Between Rt 501 & Oregon Pike) From Lancaster Shopping Center, Take Rt 501 N to right onto Murry Hill Dr Joseph Lloyd, Owner Ira Stoltzfus, Dale Stoltzfus & Jay Leary, Auctioneers

SAT JUNE 9 - 10 AM Public Auction of Farm Machinery and Farm Tools, Trucks, Combine, Grain Bins & Swine Houses Located at 17826 Falls Rd, Upperco, MD in Balt Co Regester Bros Farm, Owners Nevin F Tasto, Auctioneer

SAT JUNE 9 - 11 AM Public Auction of Real Estate & Household Goods Located in Liberty, PA 30 miles north of Williamsport, PA on Rt 15, 4 miles east of Liberty, PA on Rt 414 Mr & Mrs Reed, Owners Ron Mase, Auctioneer

SAT JUNE 9 - 8 30 AM Public Auction of Personal Property Includes Antiques Located from Automotive, Machine Shop and Plumbing Business, 4 miles west of Chambersburg, Franklin Co, PA on Rt 30 J Robert Meyers, Auctioneer

SAT JUNE 9 - 9 AM Public Auction of Oliver 60 Tractor, Farm Machinery, 8 HP Wheel Horse Tractor, Furnishings, Appliances, Collectibles & Fur Coat Located on Birch Lane, between Ridge Rd and Sweet Briar Rd, Perkasie, PA Look for directional arrow at Birch Lane, off Ridge Rd approx 2¾ miles NE of Rt 313 and Ridge Rd, Rt 563 Robert & Marion Neeson, Owner Sanford A Alderfer Inc Auctioneer

People of the Dairy Industry WE SALUTE YOU

NEW HOLLAND SALES STABLES

ANNUAL REGISTERED HOLSTEIN HEIFER SPECIAL

SATURDAY, JUNE 23, 1984
10:00 A.M

Barn located 12 miles east of Lancaster, Pa. off Route 23.

300-400 HEAD SELLING

Heifers all ages from small calves to fresh heifers. Many with full pedigrees. High production and classified dams. This is a sample of some animals selling from some early consignments

Dr Keith Olin is selling a yearling Chairman dau, her dam a VG Astronaut with 3 yr 21,360m and 749F Gr dam VG 88 5 yr 18,790 4 2, 784F 3rd dam VG 5 yr 21,548 & 736F She has 3 VG dau all with EX Mam

Danny Albright is sending several nice heifers including

(1) March 83 Lime Hollow Elevation Mars, her dam 3 yr 18,380- 609F
(2) Chairman born Nov 83 her dam a VG Jupiter, 2 yr gr dam VG 86 Pt Elevation with 27,000m & 1074F
(3) Wileida Cit R her dam a VG 2 yr old with 14,380 3 9 test Gr dam VG 86 pts over 18,000M
(4) A Pac Astronaut born March 83 her dam a 2 yr old Marvex with 14,000 and Gr Dam G P with 27,000M A CALill Standout Cavalier bred heifer, her dam VG86, 23,000M, 2nd Dam
(5) VG 22,000 3rd dam VG 18,000
(6) A bred Harrisburg Gay Her dam VG 87 22 530 and 804F 2nd dam VG 26,220- 839F
(7) 2 other Willedas sell as bred heifers Dam G P 21,033 & 767F Gr Dam Willsholm Rag Apple Eve, Ex 90 (Full sister to RORAE), with 5 yr 22,360 & 1113F 3rd dam 94 4E 8 yr 26,126 4 1% 1082F The other bred heifer her dam 87 pt 5 yr 27,096 972F

From Stonehurst Farm- Strasburg, Pa.
40 Animals Selling.

1 A Very dau sells short bred, her dam and Gr Dam both Excellent 90 Pts with rec to 23,000M
2 An Elevation dau due sale time to Milestone, her dam a GP82 Conductor records to 19,600M, Gr Dam a Charm Cross VG 87 with up to 21,000M
3 Quality Ultimate dau (bred heifer) her dam a Fond Matt with records 25,000m 4 3 over 1000F
4 Lime Hollow Elevation Mars from a VG 87 Pt Jet Stream with 18,000m & 4 1 test

2 RED & WHITES

5 A Fancy Red Triple Threat due sale time
6 A top Red Agro Acres Marques Ned bred to Glenafton Enhancer

Several breeding age bulls (25 calves & heifers) consigned by Bright Meadows Farm, Lancaster, Pa

1 Persuador calf from a 2 yr old dam with 15,025 & 566F
2 A Tradition from a G P dam 5 yr 316 23 540 885F
3 A Very calf Gr Dam has 18 206 689
4 A Lime Hollow Elevation Mars calf born April 1984 from a V G dam with 305D 22,240 & 824F

Fancy Bred Heifers

1 A Glendell due July to Tony Her dam G P 5 yr 328D 19,870 783F Gr Dam Ex Elevation 5 yr 23,440 979F 3rd dam a G P King Pin with over 19,000M
2 A Sexation due sale time to Burkgov Demand Her dam G P 83 Jerry dau with 2 yr 15,660 581F Gr Dam (EX) 4 yr 301D 22,910M 910F 3rd Dam V G
3 A Marvex due August Her VG Dam 2 yr old 17,000 & 599F Gr Dam (Ex) 2 5yr 350D 26,570- 1004F 3rd dam a VG 88 Pt Ivanhoe 4 yrs 365D 25,850 & 921F
4 Fancy Jemini due July to Willeeda Her Dam a V G 2 yr old Willow 2 yr 365D 18,810 & 721F 2nd dam G P Elevation 3 yr 365D 17,908 668

Some fancy animals in these consignments. Real show prospects and some show age calves

Most animals calfhood vaccinated and tested for out of state shipment.

Local Motels and (Trucks available to go anywhere.)

Catalogues on Sale day

Sale Mgd. by
NEW HOLLAND SALES STABLES, INC.

Contact:
Abe Diffenbach- barn office 717-354-4341
Norman Kolb- 717-397-5538
Pedigrees
Henry Kettering- 717-569-0675

SPECIAL NOTICE COMPLETE DISPERSAL OF MILK-E-SPRING HEIFERS

All heifers sell up to freshening. 1983 herd ave. on 55 cows- 18,602 & 639F This herd includes 22 V.G cows. Protein 3.2 Sires include 9 Chairman, 2 Ace, 1 Arlinda Chief, 4 Peach Chief Robin Hood, 2 Achillies, 2 BrownDale Commodore, 2 Elevator, 6 Glen Ridge Cita. 9 bred heifers sell. 26 open heifers from 1 mo. to 1 year 3 service age bulls.

1 Elevation son form 23,000 dam
2 Chairman (twins), their dam 28,000 & 1000
1 Glenridge Citamatt dau born Oct 83 Her dam VG87 Pt Arlinda Chief 324d 24,904m 1027f 4 1 Over 150,000 Lifetime for 4% test
2 Chairman calf born Nov 83 Her dam Marvex 88 P t 3 yr old Ex Mam 2 yr old 379d 26,069m 771f Gr dam VG Dina Charm with over 20,000
3 An Knoll top Rickers Ace Calf born Feb 84 her dam 88 pt 4-yr old Astronaut with over 20,000 Gr dam G P with 24,000 3rd dam VG Performer with good records
4 An Aug 83 Ace dau from a 86 pt Samson with 362d 26,638m 4 0 1067f
5 Creek dau due Sept to Chairman from a VG Elevation
6 A Chairman calf bor Dec 1983 Her dam G P 82 Marvation wtih 3 records 20,000 to over 26,000 as a 3 yr old Also Elevate dau sells bred due late fall from same dam as above
7 Rag Apple Achillies born Sept 1983 Her dam G P 83 Wayne dau with 365d over 22,000 as a 3 yr old Next dam 88 pt Elevation with 20,000 3rd dam GP King Pin

Owner
BEN F. STOLTZFUS
Ronks, Pa

This consignment will sell at 11 00 A M

This is an opportunity to buy heifers from this fine Lancaster Co herd

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SAT JUNE 9 - 11 AM Public Auction of Real Estate, Antiques, Collectibles, Guns, Schrader Queen Size Fireplace Stove, Household Items, Farm Machinery & Misc Items Located 1½ miles north of the village of Mandata, PA Intersection of Rts 147 & 225, 2½ miles east of Herndon Hilda M & Serene J Hepner, Owners Dockey, Dockey & Deppen, Auctioneers

SAT JUNE 9 8 30 AM Public Auction of Antiques Located 5 miles west of Selinsgrove, PA along Rt 35 on Market St in the borough of Freeburg, Snyder Co , PA Charles A Klein, Sr & Emily R Graybill Klein, Owners Dale L Longacre, Mark J Jones & Roger A Lauver, Auctioneers

SAT JUNE 9 - Public Auction of 40 Year Antiques Collection Located at 135 W Market St , Hellam, PA 7 miles east of York on Rt 30 bypass Kathryn Hoffmaster, Owner Frederick Toomey, CAI, Auctioneer

SAT JUNE 9 - 9 30 AM Public Auction of Household Furniture and Real Estate Located on the north side of Jefferson, on Old Middletown Rd , Frederick Co , MD Take the Jefferson exit off Rt 340 and follow sale signs Mrs Ruth Elgin, Owner Remsburg Sale Service, Auctioneers

SAT JUNE 9 10 AM Public Auction of Blacksmith Tools, Etc Located at 1109 Penn Grant Rd , 1 mile west of Strasburg at covered bridge Douglas Caldwell, Owner Frank L Steller, Robert & Jeffrey Martin, Auctioneers

MON JUNE 11 10 30 AM Public Auction of a Potato Farm & Equipment Located in Ulysses, PA , Potter Co Ronald Bennett, Owner Pirrung Auctioneers, Inc

MON JUNE 11 10 AM Public Auction of the Bennett Potato Growers Complete Farm Dispersal Selling a full line of very well cared for machinery Located in Ulysses, Potter Co , PA Mr & Mrs Ronald G Bennett, Owners Pirrung Auctioneers

MON JUNE 11 - 5 30 PM Public Auction of Power Shop Equipment, Hand Tools, Grocery Store Equipment & Articles, Antiques & Boat Located at Prangley Sales & Service, south of Pequea Post Office, Pequea, PA Prangley Sales & Service, Owners Howard Shaub, Auctioneers

PUBLIC SALE

OF ANTIQUES AND COLLECTIBLES AND OTHER ITEMS

MONDAY EVE. JUNE 4, 1984

at 5 P.M.

along Ridge Road Leading From Sinking Spring To Denver About ½ Mile From Intersection With Route 897 Lanc. Co. Pa.

Table model victrola in playing cond (special) small brass roll 6 tune music box in playing cond antique meat cutter, wagon wheel traveler, 6 drawer cabinet walnut spice box, dated conestoga wagon jack, broad axe, signed gutter slick, SHERTZ 4 in lanc slick, 30 in wood lathe, floor model drill press, table saw, 1927 to 1970 dog tags, lot of hinges prisms, bench vises, gruber wagon works wrenches, winchester ice skates, books and post cards of EPHRATA AND vicinity early BERKSHIRE KNITTING MILL pictures and viewers Tulip hinge old wagon lantern, and loads of other items not here listed you might just be able to find the items you have been looking for

SALE AT 5 P.M

Sale Ordered by
MAHLON KEITH

H.H. LEID AUCTION SERVICE INC.
AU-000535-L

PUBLIC AUCTION

Carrie Spangler Estate
WOODED REAL ESTATE, ANTIQUES, HOUSEHOLD GOODS, ETC.

SATURDAY, JUNE 23, 1984

On the premises, along Sunnyside Road at corner of Woodcock Road, near Clyde Martin Memorial Speedway.

Real Estate consists of a tract of land approx. 10 acres mostly wooded, some mature trees, 4 room bungalow type dwelling. Well on premises, also small shop. For more information & inspection of Real Estate Call 626-8414 or 949-2369 for appointment. Also antiques, collectables etc. Watch later paper.

Sale Time 9 A.M. Real Estate 12 Noon

RICHARD W. SPANGLER
(Executor)
Aucts. Weik & Weik
AU-000988-L
Clerks Hoover & Agurcak
Attorney - Steiner & Sandoe

PUBLIC AUCTION

OF 40 YEAR ANTIQUES COLLECTION

SATURDAY, JUNE 9, 1984

AT 9:00 A.M.

on the premises at 135 W. Market St.
HELLAM, PA.

Located 7 miles east of York on Rt. 30 bypass.

Including rare cream choc & green slip pitcher and bowl 30 pcs of decorated stoneware jugs churns crocks redware 400 pcs of FLOW BLUE CHINA in various patterns large collection of Early Lighting Devices Betty Lamps Fat Fluid Cruisie & Stem Lamps 30 early cast iron Match Safes Many Butter Prints such as cow log cabin swan rooster bird sheep etc silver pocket watch Farquhar Potato watch fobs Coverlet signed Rudolph Forry 1847 early cuckcoo clock banjo clock 7 sets Bone & Pewter flat ware Toy steam engine 5 Faust flasks Collection of covered animal dishes FURNITURE including early bent arrowback settee & chairs 6 decorated chairs poster bed early rockers Schoolmasters Desk farm table dovetail stands tilt top table candlestands etc Please call auctioneer for detailed listing No Buyers Fee
TERMS CASH OR APPROVED PA CHECK

Owner,
KATHRYN HOFFMASTER

Frederick Toomey, CAI
Auctioneer
241 East Market Street
Hellam, PA 17406
Telephone
(717) 755 6105
License No. AU-001297-L

PUBLIC SALE

—OF—
REAL ESTATE

SATURDAY, JUNE 16, 1984

2:00 P.M.

Located along Fulton Street, Ephrata, Pa. Traveling west on Rt. 322 at east end of Ephrata, turn onto Bethany Rd. then left onto Fulton St., second property on left. Watch for yellow sale signs.

A certain tract of land consisting of app. 188' of road frontage by 200' in depth. Erected thereon a:

2½ STORY FRAME DWELLING

with asbestos siding. Storm windows and doors. Insulated. Kitchen with built-in cabinets, in-laid linoleum. Large living room with wall-to-wall carpet. Utility room. Full bath with linen closet. Office with closet. Laundry. Four bedrooms with wall-to-wall carpet, some with closets. Attic storage. Basement. Porch. Patio. Electric water heater. Well with one year old presure system. Water softener. Shade and fruit trees. Lot of shrubbery. Lawn and garden.

2 STORY FRAME BARN

with two bay car garage, work and storage area.

OPEN HOUSE: Saturdays, June 2-9, 10:00 A.M. to 2:00 P.M.

TERMS: 10% down day of sale, balance July 16, 1984.

Not Responsible for Accidents

Sale for
JOHN R. & LENA W. MARTIN
717-733-1602
Atty.: Gary G. Krafft
Aucts.: Nevin Z. Martin
Lewis B. Groff

"List your sale today — with Ira, Dale or Jay"

SHORT NOTICE PUBLIC AUCTION

VALUABLE ANTIQUES, PERSONAL PROPERTY

SATURDAY, JUNE 9, 1984

at 10:00 A.M.

Located at 317 Murry Hill Drive, Lancaster, Pa. (Between Rt. 501 & Oregon Pike). From Lancaster Shopping Center take Rt. 501 N to right onto Murry Hill Drive.

ANTIQUES: Early large oval walnut china closet; walnut dropleaf extension table; claw foot oval glass china closet; **early 4 drawer graduated chest; blanket chest w/grab lock & strap hinges, date 1776;** Empire chest drawers; **early walnut 2 drawer stand; rush seat ladder back chairs;** Victorian needlepoint chairs; marble top flower stand; cane seat & back rocker; **pr. stands w/rose carved pulls;** cane seat chair; upholstered arm chair; dec. half spindle plank bottom chairs; Victorian game top stand; open bookshelf; solid bottom rocker; Martha Washington sewing stand; copper lined smoke stand; wooden highchair; deep well mirror; gold leaf mirror; Empire mirror; **OG clock; shelf clock w/mirrors & cupids; oak case wall clock; Ansonia wall clock; large ball andirons;** flat trunk; old wooden tool box; quilts; crock; picture frames; oil lamps; pressed glass including: goblets, bowls, pitcher, & more; salts; hen on nests; **beautiful Rosenthal German china service for 8; lots of Limoges china;** ruby pitcher; ironstone tureens; **music box stein;** green berry set; 1908 calendar plate; International silver candle holders & other silver; baskets.

PERSONAL PROPERTY: Norge double door refrigerator; refrigerator; **French Provincial triple dresser & single bed; love seat; naugehyde hideabed; rocker recliner; chest drawers & double bed; 2 single beds w/bookcase headboard;** wing chair; barrel back chair; open front secretary desk; youth bed; baby cribs; sewing stand; gateleg table; leather top kneehole desk; wooden office desk; coffee table; Zenith color TV; patio furniture; automatic gas dryer; folding lawn chairs; card table & 2 chairs; floor & table lamps; braided rugs; luggage; afghans; small kitchen appliances; camera equipment; pots; pans; books; blankets; picnic supplies; canner & jars; few garden tools; tree trimmer; step ladder; and many more items too numerous to mention.

NOTE: Very clean merchandise; nice antique furniture with lots of good china & glass.

Sale by
JOSEPH LLOYD
POA Robert Joseph Lloyd

Auctioneers:
Ira Stoltzfus
AU000907L 442-4936
Dale Stoltzfus
AU000906L 442-8254
Jay Leary
AU001214L 354-0423

Not Responsible for Accidents
No Out of State Checks
Food By Rosey's

LARGE PUBLIC SALE

HOUSEHOLD FURNITURE & REAL ESTATE

At the farm located on the north side of Jefferson, on Old Middletown Road, in Frederick Co., Maryland. Take the Jefferson exit off Route 340 and follow sale signs.

SATURDAY, JUNE 9, 1984

9:30 A.M.

LARGE COLLECTION OF HOUSEHOLD FURNITURE MOSTLY ANTIQUES

Many drop leaf tables, plank bottom and cane seat chairs, sideboards, desks, beds, pump organ in ex. cond., pictures and frames, household articles, many primitives. Owner was a real sale lover and collected all types of old things.

AT 1:30 P.M.

The Real Estate will be offered consisting of 23½ acres (more or less), much of it zoned R-3, with fine old brick house (dated 1818), barn, various sheds, caretaker's house and dog kennels.

The fertile land, the fabulous old house, excellent location, road frontage and the zoning make this a valuable piece of real estate, with all sorts of possibilities.

For more information call the Sale Manager.

OWNER
MRS. RUTH ELGIN
Alexandria, VA

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, MD 21755
Ph. 301-473-8214

Personal Representative
MRS. HELEN SULLIVAN
Alexandria, VA

PUBLIC AUCTION

ANTIQUES, FINE FURNITURE, CHINA & GLASSWARE, BLACKSMITH & OTHER OLD TOOLS, WOOD CARVED REPLICA WAGONS, ENGLISH STAGECOACH W/HORSE HITCH & 2 MEN, 6 HORSE HITCH CONESTOGA WAGON, MECHANICAL CLOCK HORSE & BUGGY ETC.

SATURDAY JUNE 9, 1984

SALE TIME 9 A.M.

Furniture sells first then wagons & animals.

Indoors at the Carnival Grounds just off Rt. 73 bet. Reading & Boyertown, in Oley Berks Co., Pa.

2 dining room suites, 3-pc. wicker set incl. chair, rocker & settee, 3 pc. wicker w/chair, rocker & table, Norge Auto. washer & dryer, Norge 11 upright freezer, refrigerator, spool cabinets, inlay bedroom suite, oak bureau, vanity & chair, 4 pc. bedroom suite, old bed parts, room size, oval braided & throw rugs, rag carpet, B & H kero. lite converted, cut & other fine glassware, set of Bavarian china, service for 8 + Fiestaware, R S German, Wedgewood, Nippon, Gaudy & other fine china, pottery, cruets, lg. wall mirror, solid glass, celluloid, wood carved, pewter & other animals, chicken on nests & others various sizes, cast sulky & buckboard, southern hay & oxen team, Wells Fargo Stage w/4 horse hitch, hay wagon w/4 mule hitch, fat lamps 1 dated 1830, old clay pipes, badges & buttons, marbles, buggy light, pocket knives, mini scale, old axes & hatchets, Remington 46 cc chain saw, kero. lanterns, cant hooks, wedges, log chains, sm. cast pig troughs, hoka plow, lg. iron wheels, sleigh bells, 3 sets brass quilts, lg. anvil, blacksmith drill press, sm. covered bridge, hinges, hardware and many more fine articles.

Terms: CASH or guaranteed funds.

David S. Allgyer, Auct.
#AU-000009-L
R.D. #2,
Oley, Pa.
Shirley I. Moyer, App.

Refreshments

PUBLIC AUCTION

FORECLOSURE Sale of FARM located between Kennedyville & Still Pond, Md. From Galena go 5 miles south on 213, bear right on 298, go 1½ miles turn right on Turners Creek Road, then 1st road on left, 1st farm on right. (Sale at Court House).

FRIDAY, JUNE 15, 1984

at 12:00 Noon
at the Kent County Court House, Chestertown, Md.

109 acres _ Farm improved by a two story frame dwelling, L.R., D.R., kitchen, four bedrooms, bathroom, two porches plus Dairy Barn, silo, and other farm outbuildings... Under and by virtue of a Power of Sale contained in a mortgage from James D. Collins and Julia Ann Collins, his wife, dated Feb. 17, 1978, and recorded among the Land Records for Kent County, Maryland, in Liber E.H.P. 79, Folio 286, etc., assigned into Elise Davis for closure.

TERMS: $5,000.00 in Cash or by Certified or Cashier's Check at time of sale. More details of terms and conditions at time of sale or contact Auctioneers.

ELISE DAVIS, Assignee of Mortgage, P.O. Box 546, Chestertown, Maryland 21620 - phone 301-778-5250.

INSPECTION and more information contact:
HARRY RUDNICK & SONS, INC.,
R.E. Brokers & Auctioneers
Galena, MD 21635
Phone: 301-648-5601

PUBLIC AUCTION

VALUABLE REAL ESTATE
FARM MACHINERY-TOOLS
FEW HOUSEHOLD GOODS

SATURDAY, JUNE 9, 1984

10:00 A.M.

Located in Berks Co., PA, 6 miles east of Fredericksburg, 15 miles north of Myerstown. From Old Rt. 22, go north at Esther's Restaurant on Blue Mountain Road 3 miles to sale.

Real Estate - 2:00 P.M.

16 ACRE FARMETTE - STONE HOUSE

Improvements thereon consist of stone house, barn with exercise pen, 2 streams run through property, nice country setting with mountains in the background. Surrounded by farm land.

For inspection of property
call for appointment (215) 327-2643
TERMS: 10% down sale day -
Final Settlement 30 days or negotiable

FARM MACHINERY, ETC.

Leyland 270 Diesel tractor, wide front, 987 original hours, nice condition, good rubber; 7 tooth chisel plow; 8 ft. transport disc harrow; 7 ft. spring tooth harrow; 3 bottom plow, 3 pt.; 4 bottom pull type plow; 2 bottom pull type plow; 2 pt. fast hitch International 4 row cultivator; Littleton 3 pt. 2 row rotary cultivator; 34 ft. Zimmerman elevator; John Deere grain drill; New Holland 615 harvester, 1 row corn head, grass head; forage wagon; boom sprayer w/poly tank and pump, new 1 yr.; corn drag; 2 flatbed wagons; 3 farm trailers; New Holland flail chopper; air compressor; Lincoln welder; belt drive corn sheller; dump rake; 1948 Dodge Power Wagon; Massey combine for parts; tractor weights; 5 section gates, 10 to 14 ft.; portable air tank; feed mixer, belt drive; 2 rolls steel wire, aluminum coated, approx. 12,000 ft., new; approx. 200 fence posts; electric fencers; **livestock scales; steel cattle head chute,** portable, good condition; approx. 150 ft. 8 ft. steel fence, 2 gates; round hay racks; 2 large fuel tanks; new & used tires; used pipe; lumber; cement blocks; electric supplies; livestock trailer

HOUSEHOLD GOODS & ANTIQUES

New kitchen cabinets; 4 stoves, 2 Heatrolas; Kenmore wood stove; wood or coal furnace; cross cut saw; wooden bed; doors; windows; shutters; 2 pie cupboards; berry boxes; old safe; stool; horse sleigh; barrels; table; old water cooler; old wagon parts; oil tank w/pump; 8 ft. trailer.

Owners:
JOHN & CAROLANNE SCHEIDEL
Auctioneer:
Steve Petersheim:
717-786-4624
Lic. #AU-001349-L Scheidel

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

TUES JUNE 12 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

TUES JUNE 12 - 10 AM Public Auction of Keister's 3rd Annual PA Agriculture Day Sale Giant Livestock Auction Located at Keister's Middleburg Auction Sales, Rt 522, 3 miles east of Middleburg, PA

WED JUNE 13 - 9 AM Public Auction of the Second Annual Council of Governments of Northern Lancaster County Sale Selling Truck, Cars, Used & Surplus Equip from Municipalities and School Districts Located at Green Dragon Farmers Market & Auction just off Rt 272 between Reamstown and Ephrata, Lanc Co, PA Take Rt 272 north of Ephrata to Wickes Lumber, turn east at Green Dragon Council of Governments of Northern Lanc Co, Owners T Glenn & Timothy G Horst, Auctioneers

THURS JUNE 14 - 9 AM Public 2 Day Auction of a Private Collection of Antiques, Collectors Items, Old Toys, Classic Car, Clocks, Furniture, Dishes & Glassware Located on Valley Park Rd, Doylestown, R D 5, PA, Bucks Co midway between Danboro and Gardenville, PA, 5 miles north of Doylestown John Chittick, Owner Henry K Freed & Sons, Auctioneers

THURS JUNE 14 9 AM Public Auction of Construction Equipment, Trucks & Tools Located in Baltimore, MD, 6555 Meadowridge Rd Alleghany Utility Corp, Owners Vilsmeier Auction Co, Auctioneers

THURS JUNE 14 - 10 AM Public Auction of Tractor, Combine, Farm and Irrigation Equipment Located at Wilson's Auction Sales, Inc, Rt 113, 1 mile south of Lincoln, Del George Briggs Farm, Inc, Owner Wilson's Auction Sales, Inc, Auctioneers

FRI JUNE 15 6 30 PM Public Auction of Feeder Cattle and Feeder Pigs Located at Keister's Middleburg Auction Sales, Inc, Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

FRI JUNE 15 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge, Ira Stoltzfus & Son, Auctioneers

FRI JUNE 15 6 PM 2 Day Public Auction of 3 Properties Complete Dispersal of Metal Working Machinery, Shop Machinery, Office Equipment & Trucks. Located east of Lebanon in the village of Prescott, Lebanon Co, PA Take Rt. 422 east of Lebanon to Prescott Rd just past John Deere equipment dealer Turn right at traffic light onto Prescott Rd Go approx 1 mile. Sale on left Ivan and Esther Martin, Owner Sylvan B Witmer & Arthur E Nolt, Auctioneers

FRI JUNE 15 - 12 Noon Public Auction of 109+ Acre Farm Located between Kennedyville and Still Pond, MD. From Galena go 5 miles south on 213, bear right on 298, go 1½ miles Turn right on Turners Creek Rd, then 1st road on left 1st farm on right Sale at the Kent Co Court House, Chestertown, MD Elise Davis, Owner Harry Rudnick & Sons, Inc, Auctioneers

SAT JUNE 16 - 9 AM Public Auction of 3 Properties Complete Dispersal of Metal Working Machinery, Shop Machinery, Office Equipment & Trucks Located east of Lebanon in the village of Prescott, Lebanon Co, PA Take Rt 422 east of Lebanon to Prescott Rd just past John Deere equipment dealer Turn right at traffic light onto Prescott Rd Go approx 1 mile. Sale on left Ivan and Esther Martin, Owner Sylvan B Witmer & Arthur E Nolt, Auctioneers

SAT JUNE 16 - 9 AM Public Auction of Valuable Antiques & Collectibles Located 4 miles north of Northumberland, PA, 6 miles south of Danville Turn off Rt 11 onto Ridge Rd, then 1 mile west to Dornsife Rd Watch for sale signs day of sale along Rt 11 William K Shipe, Executor for the Anna Dornsife Estate Dockey, Dockey & Deppen, Auctioneers

SAT JUNE 16 9 30 AM Public Auction of Real Estate, Household Goods, Antiques, Farm Machinery, Horse Equipment, Car & Truck Located off Rt 866 or off Rt 36 toward Curryville, North Woodbury Twp, Blair Co, PA 15 miles south of Altoona, PA Samuel and Millie Ritchey Estate Reges Hoover, Executrix Lyonel D Ritchey, Executor John J Dilling, Auctioneer

PUBLIC SALE

OF POWER SHOP EQUIPMENT
HAND TOOLS - GROCERY STORE EQUIPMENT & ARTICLES - ANTIQUES & BOAT

MONDAY EVE., JUNE 11, 1984

At 5:30 P.M.

Loc. at Prangley Sales & Service, south of Pequea Post Office, Pequea, PA

Sale by
PRANGLEY SALES & SERVICE
HOWARD SHAUB 464-3541
and Roy C. Probst
Auctioneers (AU-000831-L)

AUCTION

OLIVER "60" TRACTOR
FARM MACHINERY
8 H.P. WHEEL HORSE TRACTOR
FURNISHINGS & APPLIANCES
COLLECTIBLES, FUR COAT
FOR: ROBERT & MARION NEESON
Birch Lane, Perkasie, PA
(Bet. Ridge Road & Sweet Briar Rd.)

Directions: Look for directional arrow at Birch Lane, off Ridge Rd., approx. 2¾ mi. NE of Rt. 313 & Ridge Road (Rt. 563.)

SATURDAY, JUNE 9, 1984

9:00 A.M.
Auction will begin w/sm. tools, Lawn Equip., & Farm Machinery.
Be Prompt!

FARM MACHINERY - Oliver "60" Tractor w/snow blade and cultivator; #5 John Deere Mower, 8' disc, Case soil saver, 2-bottom plow (as is), 24' bale elevator w/1 h.p. motor; 13 tube grain drill, manure spreader, cement mixer, 2-wheel farm trailer, 3 ext. ladders (32' alum. & 28' & 16' wood); 14' farm wagon on rubber, side delivery rake, 4 h.p. rototiller, 8 h.p. Wheel Horse Tractor w/snow blade and ground plow; 8 h.p. Craftsman mower, self-propelled Jacobson Mower (elec. start), metal wheelbarrow, lots of hand tools, sm. Craftsman Jig Saw and other items.

FURNISHINGS & APPLIANCES - G.E. & Whirlpool washer & dryer, trash compactor, dehumidifier, humidifier, RCA color TV, radio & phono combination, Coldspot freezers (upright & chest type), 5 pc. breakfast set w/formica top table, 3 pc. bedroom suite, sofa, chairs, hutch, 60x30 metal desk & desk chair; French Limoge china L. Bernard & Co. 98 pc. service for 12 dinnerware; 5-room size rugs (very good), & other good furnishings. Size 12 Muskrat FUR COAT & other ladies coats.

ANTIQUES & COLLECTIBLES - Bowers Player Piano & rolls; piano bench, marble lamp stand, brass base lamp, carpenter's tool chest, picture frames, child's rocker, homemade sideboard, side chairs, rd. lamp table, cut glass decanter, 2 Goebel plates - The Twelve Tribes of Israel, & other valuables. DON'T MISS IT!

TERMS- CASH OR ACCEPTABLE CHECK; LUNCH.

Sanford A. Alderfer, Inc.
REAL ESTATE BROKERS and AUCTIONEERS
665 Harleysville Pike (Rt 113)
Box 1, Harleysville PA 19438
215-723-1171 or 256-8892
PA. No. AU-001117-L

PUBLIC AUCTION

FRIDAY, JUNE 8 & SATURDAY, JUNE 9, 1984

To be held 5 miles west of Selinsgrove, PA along Route #35 on Market Street in the borough of Freeburg, Snyder County, PA.

REAL ESTATE

Real Estate consists of a spacious corner lot 120'x165' whereon is erected a large 2 story Victorian brick house with a very uniquely decorated entrance hall in oak with stained glass windows. Dwelling has 14 rooms and has oil heat. Also on premises is a 2 story large unique barn, a shed and other minor outbuildings. Recorded in Snyder County Deed Book 109, Page 690. Terms: 10% down day of Sale, balance within 30 days. To be offered at 12:00 noon on Saturday, June 9, 1984. For showing of Real Estate call Mary Jane Mitterling at 374-1131. Owners reserve the right to withdraw the property from the sale and to reject any and all bids.

ANTIQUES & HOUSEHOLD

on Friday, June 8, 1984 at 10:00 A.M.

Depression Era Dining Room Suit; Depression Walnut Chest of Drawers; Miscellaneous Oak Rockers; Round Top Trunk; Flat Top Trunk; Miscellaneous Oak Stands; Oak Swivel Office Chair; **Quilts;** Small (Childs) Dropleaf Table; Bowed Oak Spindled Kneeling Railing app. 30" high; A Lot of Miscellaneous Bedroom Furniture; Set of Blue Willow Dishes; Child's Rocker; Sunbury and Selinsgrove Milk Bottles; Various Picture Frames; Large Oak Desk; Many Hardback Books; Christmas Decorations; Upholstered Living Room Furniture; 3 Piece Maple Bedroom Suit; Bedding; Miscellaneous Garden Tools; (20) Metal Folding Chairs; Modern Coffee and End Tables with Marble Top; General Electric Refrigerator; Automatic Frigidaire Washer; Norge Gas Dryer; Tru-Cold Gas Refrigerator; Tappan Gas Stove; Metal Kitchen Table; Metal Cupboards; Pots; Pans; Dishes; Cookware; and Many More Items.

ANTIQUES

on Saturday, June 9, 1984 at 8:30 A.M.

Signed Tiffany Lampshade (small leaded glass pieces); 1 Piece 12-Pane Corner Cupboard; Oak Bowed Front China Closet, uniquely carved; Jenny-Lynn Chair with Claw Feet (very ornately carved); Cottage Style Decorated Bedroom Suit; Leaded Paneled Dining Room Dome; Oak Larkins Desk; Walnut Dovetailed Chest of Drawers; Wicker Table; Currier and Ives in Original Frames; (2) 1-Drawer Washstand with Towel Racks; Wurlitzer Organ; Brothers Piano marked Hazelton; Walnut Corner Shelf; (2) Oak Mission Library Tables; (2) Gone with the Wind Lamp Bases; Stereoptic Viewer and Cards; Mantel Clock; Gold Leaf Beveled Mirror; Decorated Boston Rocker; 2 Walnut Hall Mirrors (1 cracked); Oak Buffet with Beveled Mirror and Applied Carvings; H.M. Wiest Unique Doorbell, pat. Jan. 30, 1894; 2 Piece 12-Pane Corner Cupboard; Walnut Dropleaf Table; Governor Windtrops Desk; Large Oak Bookcase; Oil Painting from Shikellamy Lookout of North and West Branches of Susquehann River; China Bisque Head #200 Doll; 1862 Store Ledger; Early Hanging Wall Cupboard; Blue Spongeware Pitcher; Depression Glass; Cast Iron Lamb Mold; Shirley Temple Milk Pitcher; Various Picture Frames; Oval Walnut Stand with Marble Top; 2 Reverse Paintings in Glass; (2) RCA Victor Dogs; Ironstone; Majolica; Stick Spatter Cup and Saucer; Graniteware; Goofus Glass; Pattern Glass; Pottery; Cut Glass; Old Velvet Picture Album with Stand; 2 Piece Jardinere; Carnival Glass; Woven Baskets; and Many More Items.

CAR

1966 Chrysler Newport with 47,000 Original Miles

Terms: Cash or Good PA. Check **Lunch Stand**

Owners: CHARLES A. KLEIN, SR. & EMILY R. GRAYBILL KLEIN
Guardian: Snyder County Trust Co.
Attorney: Irvin Graybill, Jr.
Middleburg, PA
Auctioneers: Dale L. Longacre — (717) 374-4215
Mark J. Jones
Roger A. Lauver
#AU-001899-L

Public Auction Register

Closing Date - Monday, 5 00 P M of each week's publication

SAT JUNE 16 9 AM Public Auction of Antiques, Collectibles, Household, Tools & Garden Items Located from Rt 61 south out of Sunbury for ½ mile Then take a right turn on Rt 890 Stay on Rt 890 for 2½ miles until you come to the Emmanuel Lutheran Church on left and then make a left and go 1½ miles to village of Seven Points At stop sign in village of Seven Points, make left turn and go ¼ mile to auction site at second house on right Ruth Clark Bailey, Owner Dale L Longacre, Mark J Jones & Roger A Lauver, Auctioneers

SAT JUNE 16 - 2 PM Public Auction of Real Estate Located along Fulton St Ephrata, PA Traveling west on Rt 322 at east end of Ephrata, turn onto Bethany Rd then left onto Fulton St second property on left John R and Lena W Martin, Owners Nevin Z Martin, & Lewis B Groff, Auctioneers

SAT JUNE 16 - 9 AM Public Auction of Antiques, Household Goods & Outstanding Gun Collection Located at the Stewartstown Fire Co Hall, along Rt 24 north of Stewartstown, York Co, PA. National Lutheran Home, Owners Bob & Tom Sechrist, Auctioneers.

SAT JUNE 16 - 9 AM Public Auction of Backhoes, Trucks & Vehicles Located in Edison, NJ at Public Service Elec & Gas's Automotive Maintenance Ctr, Raritan Center Parkway Vilsmeier Auction Co, Auctioneers

SAT JUNE 16 - 10 AM Public Auction of a Complete Inventory of Furniture Located at 41 East Diamond Ave, Hazleton, PA Poor Richard, Owner John & John Jr Autotore, Auctioneers

SAT JUNE 16 11 AM Public Auction of Real Estate Located in Somerset Co, NJ, 8 miles from Princeton Griggstown Farms, Owners Max E Spann, Inc, Auctioneers

SAT JUNE 16 - 9 AM Public Auction of a Farmall 200 Tractor, Farm Machinery, Tex Tan Western Saddle, Craftsman 10" Radial Arm Saw, Magna 6" Belt Sander, UMC League Shuffle Alley, Blind Front 2 Door Corner Cupboard, Etc Located indoors at the Carnival Grounds just off Rt 73 between Reading & Boyertown in Oley, Berks Co, PA David S Allgyer, Auctioneer

SAT JUNE 16 - 10 AM Public Auction of Farm Equipment, Lawn Mowers, Tools, Posts, Etc Located in Oxford, PA Mr Millard G McDowwell, Jr, Owner Hunter's Sale Barn, Inc, Auctioneers

TUES JUNE 19 - 10 AM Public Auction of the Terminated Nuclear Project Located in Forked River, NJ at the Forked River Construction Site on Rt 9, 1½ miles south of Forked River Vilsmeier Auction Co, Auctioneers

TUES JUNE 19 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

WED JUNE 20 - 5 PM Public Auction of a Complete Close-out Collection of Antiques and Collectibles including over 100 miniature wagons, miniature horses over 100 old brass and copper tools, household goods, china, glassware, agate and tinware Located at Martins Sales pavilion, 2 miles east of Intercourse, PA on the corner of Rt 340 and New Holland Rd Paul Z Martin, Sr, Owner 3 Martin Sons and 2 Spencer's, Auctioneers

WED JUNE 20 - 9 AM Public Auction of the Terminated Nuclear Project Located in Forked River, NJ at the Forked River Construction Site on Rt 9, 1½ miles south of Forked River Vilsmeier Auction Co, Auctioneers

THURS JUNE 21 - Monthly Cow Sale at Mel Kolb Inc, Maryland Farm Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

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REAL ESTATE PUBLIC AUCTION

Saturday June 16 11:00 AM

GRIGGSTOWN FARMS

240+ ACRES

Somerset County, NJ
(8 miles from Princeton)

STEP BACK IN TIME
Federal Restored Farmhouse (Circa 1800), barns, farm buildings, fertile fields and pastures nestled in an historic country setting where General Washington's men camped and rallied for the major Battle of Princeton

STEP INTO THE PRESENT — This outstanding property is less than 1 hour from 4 race tracks, New York City, and Newark International Airport

PLAN FOR THE FUTURE — Attend This Auction!!

Call For Color Brochure 201-658-3688

max e. SPANN inc.

Realtors • Auctioneers

REAL ESTATE PUBLIC AUCTION

SATURDAY, JUNE 23, 1984
11:00 A.M.
RIVER FARM

130 ACRES
ASBURY
HUNTERDON COUNTY
NEW JERSEY

Spectacular Musconetcong River Farm.. Beautiful mountain scenery and river frontage. A working dairy farm with 2 houses, barns, farm buildings just 3 miles from the developing I-78 land corridor

Attend This Auction
THIS PROPERTY MUST BE SOLD
Brochure Available Call 201-658-3688

max e. SPANN inc.

REALTORS • AUCTIONEERS

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2 DAY ANTIQUE AUCTION

CHINA-PRIMITIVES-TOLE-GLASSWARE-DEC. STONEWARE-DUTCH CUPBOARD-DRY SINKS-CORNER CUPBOARD-LAMPS RAILROAD ITEMS-DOLLS-CAROUSEL-TEXTILES

FRI. & SAT. JUNE 8 & 9, 1984

FRI.-11 A.M.—SAT.-9 A.M.

Located between Allentown and Harrisburg at Kempton Community Center, Kempton, Pa., Berks Co. Off Rt. 22, Lenhartsville Exit Rt. 143 N. 4 mi. or Krumsville Exit Rt. 737 N. 5 mi.

Glassware & China — Pressed, Cut Glass, End of Day, Etched, Milk Glass, Ruby, Hobnail, Opalescent, Chicken on Nests, Baskets, Salts, Syrups, Deco, Blown Vases, Jack in Pulpit Vases, Water Bottles, Copper Luster, Germany, Austria, Ironstone, Flow Blue, Bisque Figurines, Miniature Cups and Saucers, Mustache Cups, German Slippers, Castor Sets, Milk Pitchers, Majolica — Fish, Owl, Plates, Pitchers; Dep Glass, Fiestaware, Chamber Sets, Assort. Glass Lamp Shades, Baking Bowl. Baskets, Pie Boards, Slaw Cutters, Wooden and Tin Spice Holder; Pictures (Tin Type) Picture Frames, Schnitzelbank Sign, Scales, Sad Irons & Trivets, Copper Kettles; Iron Forks, Buckets, Ladels, Strainers (all Brass); Candle Molds, Photo Albums, Picture Viewer, Kerosene Lamps — Finger, Bracket, Ray-o; Stoneware Pitchers, Bowls, Broad Axe, Planes, Sleigh Bells.

RAILROAD COLLECTION AT 5 P.M. FRIDAY

Locomotive Brass Bell with Yolk & Clapper, Breakman & Switch Lanterns, Locks, Keys, Signs, Oiler, Wooden Brace, Brass Dining Car Lamps, Diesel Lights, Carbide Light, Globes, Old Furs, Muffs, Capes, Beaded Dress, Brocade Dresses, Alligator Bags & Shoes, Hat Pins, Old Buttons.

SATURDAY, JUNE 9 — 9 A.M.

Early Xmas Dec. Blown, Papier-Mache Santas, Cookie Cutters (Eagles, Horses, Pig, Pistol, Man, Lady, Violin), Blue Dec. Stoneware — Shenfelder Jug, Cowden-Wilcox; Bennington — Fish Mold (excellent), Pitchers, Bowls; Clocks — China, Steeple, Metal Mother of Pearl Quilts — Log Cabin, Tulip, Coverlet signed Orwigsburg 1841, signed Linens, Yellowware — Rabbit Mold, Sponge Platter, Stick Spatter, Adam's Rose, C.I. Door Stops — Monkey, Dogs, Mech. Bank — Lion & Monkey, Dolls; German Bisque 22" Handwerk, Horsman, Ideal, Kewpie, Carousel — 13"- 6 Horse, German Painted Tin Wind-up Musical, Betty Lamp, Toleware, Student Lamps — Single & Double, Gone with Wind Lamp, B & H Paneled Stained Glass Lamp, B & H Brass Floor Organ Lamp, Gilted Hall Mirror with Girl Picture above, Marble Shelf Hall Mirror.

FURNITURE APPROX. 12:30 P.M.

Pa. Dutch Cupboard (12 Pane - 3 Drawers), Pewter Cupboard, 3 Corner Cupboards (2 - 12 Pane, 1 - 9 Pane), Berkey Hi-Back Dry Sink, 2 Low Dry Sinks with Lids, Bucket Bench (Boot-Jack), Drying Rack, Early Washstands, 5 Balloon-backed Chairs, Spool Cabinet, Brass Bed, Blanket Chest, Dep. Style Table, Youth Bed, Candle Stand with Dec. Slate, Marble Top Tables, Washstands & Dressers, Victorian Style Love Seat & Chair, Gate-Leg Walnut D.L. Table, Game Table. Melodeon (Pump Treal & Linsley, Conn.).

Terms — Cash or Traveler's Checks only. I.D. required for Bidder's No.

Auctioneer's Note: 40 yrs. of collecting. Approx. 1000 pcs Glass & China (unusual pieces) quality Pa. Dutch Furniture & Primitives. This is a partial listing — Dont' miss this outstanding sale.

Jay Riegel, Jr., Auctioneer
R.D. 2 Box 1335,
Schuylkill Haven, Pa.
Phone 717-739-4718
Lic. AU-001494-L

—CLIP THIS AD—

PUBLIC SALE

OF ELI RUDACILLE
Manchester, PA
Has discontinued farming.

FRIDAY, JUNE 8, 1984
at 11:00 A.M.

Located off Rt. 83 at Exit 12 east of Locust Point Rd. Watch for signs.

Ford Tractor model 4100, 900 hrs., PS, live power take off.; Int. Tractor model 300 w/loader; Ford Tractor model 8N w/Mott flail mower; Moore All Till Drill (slightly used) MF self propelled Combine model 60; Case Manure Spreader; Cultipacker; Harrow; Disk Harrow; Ford Corn picker model 601, 1 row; NI bar rake; Transport Disk; Drill; Int. Baler model 46; NH haybine model 467; JD Corn Planter model 494A, 4 row; Century Sprayer w/28' boom; NI Elevator 24' NH Baler model 66; Ford plow 3 btm.; Ford Corn Planter, 2 row; (2) Wagons w/Flats; 8 hole Hog Feeder; Small Hog Feeder; Hammermill; JD Crimper; Case self propelled Haybine model 950 w/Wisconsin Engine; Ford pickup Truck model 1974; Garden Tractor; Rotary Cutter; NH Forage Harvester, 2 row; Motorcycle; Ford Truck Tractor model 9000, w/Cummins Diesel Engine and 10 speed Road Ranger Transmission; Van Trailer; Desk and Chair; Miscellaneous items to numerous to mention.

Blaine Rentzel Auctioneer
PA License #761

J. Robert Meyers, Auctioneer, AU-000601-L

TWO DAY SALE

PUBLIC SALE OF PERSONAL PROPERTY COMPLETE DISPERSAL

From Automotive, Machine Shop and Plumbing Business, 4 miles west of Chambersburg, Franklin Co., PA on Route 30 on:

SATURDAY, JUNE 9, 1984
At 8:30 A.M.

ANTIQUES: 2 iron and wood beam plows; wooden wheelbarrow; yokes; tongues; shafts; buggy pole; hay forks; 8 ft. electric meat case with compressor; sleigh; wooden lock corner boxes; meat grinder; flesh forks; molding plane; spoke shaver; Coopers wheel; shoe stand and lasts; carry boxes; Carbide brass light; gypsy pot; old auto glass; coal buckets; kneehole oak desk; desk chair; 8 ft. oak case with 50 oak bins very unusual; National cash register with marble; small iron safe; typewriter; oak telephone call bells; 4 drawer file cabinet; old parts and machine books; Calboric coal stove; iron stamps; step ladders; refrigerators; chest-type deep freeze; ladders; etc.

OUTSIDE AND SHOP ITEMS: thousands of copper and galvanized pipe fittings; thousands of bolts from ¼" to ¾" in all lengths; washers; lock washers; display shelf; large nail bin; new pulleys; new V belts; large stock of Remington chain saw parts from old to present time; new rope; new chain; new extension cord wire; 60' H.D. extension wire; metal pans with used bolts; steel hammers; screen door wire; Anderson parts; electric fencer wire; barbed wire; ashpalt shingles; slate; dismantled 8-N' Ford tractor with Dearborn loader and buck rake; 12 ft. trailer with electric brakes; 2 large tarps; 4-Axeman Anderson coal boilers; oil fired boiler; Copper boiler; sand pump; lot of new and used pipe; 5 hot water heaters; Rite-Way stove grates; tires; Rite-Way #R-38 stove; electric motors; welding rod; paint tank; truck frames; scrap; 2 horse corn plow; homemade sub soiler; 300 gallon water tank; 2 bottom plow; scoring out plow; horse mower; road grader; Oliver tiller; early Lancaster Co. pickup hay baler by Young; etc.

AUCTIONEER NOTE: In no way could I list everything. This business was started here in 1931 by Mr. Scott, that is 53 years ago. Inspection sale day. Antiques will start the sale. This is #2 sale.

TERMS: CASH.
Lunch stand reserved for St. Thomas Ruritan Club.

CLERKS: Alleman & Smith
H.R. SCOTT

TRUCKS — TRAILERS & REAL ESTATE
AUCTION

SATURDAY, JUNE 9, 1984 10:30 A.M.

For the Estate of Hough Boyle ***(Dicks Express Inc.)***

At the yard on Roosevelt Ave., South Plainfield N.J Take Rt 287 to 529 Stelton Rd to New Brunswick Ave. to Tyler Str. to So Clinton Ave. turn on Sage Str. to Roosevelt Ave Arrows Posted! You can also enter on Roosevelt Ave. from New Market Ave Yard has trailers parked on it opposite Harris Steel Co.

10:30 TRUCKS - TRAILERS 1 P.M. REAL ESTATE

1 P.M. Real Estate 1 P.M Valuable 30,000 + sq ft lot zoned Heavy Industry BL 304 lots 5,6,7 in the Borough of South Plainfield, Middlesex County N J **Prime location** 2 miles off Rt 287 in one of N J 's best prime business area's 40 min from N Y City **Site Plan Approval** to construct a 3900 + sq ft building has been granted subject to certain conditions This is an **opportunity** for an invester or a user Located in an area which is running out of land Plan now to bid on this outstanding offering! **Real Estate Sells** subject to Confirmation by Executor!

TERMS 10% deposit sale day by Certified check when signing a real estate purchase agreement! Closing 30 days from sale date Col Fred R Daniel Auctioneers INC 369-4784 licensed salesman under M. Wolf Real Estate RD#7 Flemington N J 782-4734. Inspection Sun. June 3, 1984 10 A M to 3 P M ! Not responsible for any errors or omissions in terms, conditions, descriptions in relation to this Auction!

-10:30 A.M. TRUCKS, TRACTORS & TRAILERS -

10 30 A.M. Tires, oil pumps, air greaser, alum dock plates, straping machine, plus other items! **11 A.M** Ford 8N farm tractor W F 3PTH, 5 ft rotary mower, 2 btm plow 3PTH, 5 ft disc 3PTH, wood chipper 3PTH, Post Hole digger 3PTH **Mobilift LP fork lift** MA 40 4000 lb lift **Trucks-** 1978 Chev C 30 pkup truck V8 auto trans , P S P B loaded w/HD suspension 58,000 mi 1972 Diamond Reo tandem truck tractor w/sleeper 13 spd trans w/Detroit DL 1974 GMC single axle 5 spd 2 spd rear w/671 Detroit DL 1972 GMC astro tandem cab over w/sleeper, 15 spd trans w/871 DL 1971 GMC tandem 10 spd trans w/671 DL 1970 IHC single axle 10 spd trans w/671 Detroit DL, has oil leak in engine 1973 GMC tandem w/318 Detroit DL for Parts only! **12 Box Trailers-** 8 Fruehauf Alum trailers 6-40 ft , 1 45 ft , 1 38 ft , 3-Gindy Alum trailers 45, 42 and 40 ft 1 Clark 40 ft Fiberglass trailer 7 have roll up rear doors and 5 have double swing doors 10 are 12½ ft high, 1-13½ ft and 1-13 ft high Most trailers are road ready Plan now to attend this sale for Trucks, Trailers or Real Estate! **Inspection** on trucks, trailers and Real Estate June 3, 1984 10 A M to 3 P M , small items, forklifts, tractor etc , see 9 A M on sale day **Attention** Plan to move items sale day!

TERMS- on trucks, trailers and small items! Full Payment Sale Day by Cash or Certified Funds! Personal or Company checks must be accompanied by a valid bank letter of credit naming the (Estate of Hough Boyle Sale June 9, 1984) and amount you can spend! Proper I D needed to register! All items sold (as is, where is) without any guarantees on or warranties expressed or implied!

Sale By Order of Executor
ARTHUR D. MERRILL
Washington, N.J.

Auction Conducted By:
Col. Fred R. Daniel Auctioneers Inc.
Box 151, RD#3, Neshanic Sta., N.J. 08853
(201) 369-4784

Public Auction Register

Closing Date Monday, 5 00 P M
of each week s publication

THURS JUNE 21 9 AM Public 2 Day Auction of a Private Collection of Antiques Collectors Items, Old Toys, Classic Car Clocks, Furniture, Dishes & Glassware Located on Valley Park Rd Doylestown R D 5, PA, Bucks Co midway between Danboro and Gardenville, PA, 5 miles north of Doylestown John Chittick, Owner Henry K Freed & Sons, Auctioneers

PUBLIC SALE
OF BLACKSMITH TOOLS, ETC.
SATURDAY, JUNE 9, 1984
Sale Time 10:00 A.M.
Located at 1109 Penn Grant Road, 1 mile West of Strasburg at Covered Bridge.

Large Wooden Bellows; Tire Bender; Tire Shrinker; Schnitzel Bunk; Shaver Bench; Cutter; Forges; Swage Block; Saddler's Bench; Traveling Wheels; Drill Press; Vise; Anvil; Tongues.

Tap and Die Set; Top Swages; Bottom Swages; Cone; Nail Headers; Bolt Headers; Cold Set; Hot Set; Punches; Hammers; Wrenches; Old Bolt Threaders; Dinner Bell; Milk Cans.

Sleigh; Pony Wagon; Conestoga Wagon Jack; Tar Pot; Single Trees; Double Trees; Adz; signed Broad Ax; Wooden Planes; Chisels; many items not mentioned.

Terms By
DOUGLAS CALDWELL

Auctioneers:
Frank L. Steller, 656-8195
Robert & Jeffrey Martin, 656-7770
Don & Mike Steller, Clerks
No Out of State Checks
Lunch By Ladies Leola Fire Co.

THURS JUNE 21 10 AM Public Auction of the Terminated Nuclear Project Located in Forked River NJ at the Forked River Construction Site on Rt 9 1½ miles south of Forked River Vilsmeier Auction Co Auctioneers

FRI JUNE 22 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan Auctioneers

FRI JUNE 22 5 30 PM Gap Auction Antiques and Household Goods sold at every auction Located off Rt 41, Lancaster Turkey Hill Minit Market, cross RR bridge Ira Stoltzfus & Son Auctioneers

SAT JUNE 23 Colonial World Class Sale 2 Located at Adams Charolais Farm Springfield, OH Sponsored by Colonial Charolais Association Managed by Garey Cattle Sales, Inc 100 Walnut Lane, Morrisville, PA 19067

SAT JUNE 23 - 10 A M Registered Heifer Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

SAT JUNE 23 - 10 AM Public Auction of a Registered Heifer Sale Located at New Holland Sales Stables, Inc 12 miles East of Lancaster, off Rt 23 Abe Diffenbach & Norman Kolb, Auctioneers

SAT JUNE 23 10 AM Public Auction of Line Equipment Chipper Trucks & Trailers Located in Madison, NY at the intersection of Rt 20 & Rt 12B Oriskany Falls Telephone Corp' Facility Vilsmeier Auction Co Auctioneers

SAT JUNE 23 9 AM Public Auction of Wooded Real Estate, Antiques, Household Goods, Etc. Located along Sunnyside Rd at corner of Wood Cock Rd, near Clyde Martin Memorial Speedway Richard W Spangler Executor for the Carrie Spangler Estate Weik & Weik, Auctioneers

SAT JUNE 23 11 AM Public Auction of Real Estate Located in Asbury, Hunterdon Co NJ River Farm, Owners Max E Spann, Inc Auctioneers

SAT JUNE 23 Public Auction of a Mobile Home 2 Acre lot & Personal Property Located along Laurel Hill Rd and Bridge, 1 miles off Rt 625, 3 miles southeast of the village of Bowmansville Brecknock Twp Lancaster Enos S Weaver & Dorothy M Weaver, Owners LeRoy S Horst, Auctioneer

TUES JUNE 26 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

THURS JUNE 28 & SAT JUNE 30 9 30 AM Public Auction of Building Supplies, Fixtures, Hardware, Equipment, Trucks - 1964 Dodge 400 Flat Bed Truck & a 1974 Ford F250 Camper Special Pick-up Truck Located at the corner of Goodspring Rd (Rt 125) and Chestnut St, Hegins, Schuylkill Co, PA Herman H Miller Building Supplies Herman H Miller & Mabel Miller, Owners Mike and George Deibert, Auctioneers

THURS JUNE 28 9 30 AM Public Auction of Power Line Erection Equipment Trucks, Trailers & Line Tools Located in Casper Wyoming on Rt 20/26, approx 5 miles east of Casper Wyoming Industrial Electric's Shop & Yard Facility, Owners Vilsmeier Auction Co, Auctioneers

BENNETT POTATO GROWERS
COMPLETE FARM DISPERSAL

MONDAY, JUNE 11, 1984 10:00 A.M.
ULYSSES, (POTTER CO.) PENNSYLVANIA

Sale to be held at the farm 1 mile south of Ulysses off either Fox Hill Road or Loucks Mills Road. (15 miles northwest of Galeton, Pa.; 18 miles northeast of Coudersport, Pa.; or 45 miles southwest of Corning, N.Y.) Follow auction arrows from Rte. 49 (Main Street) Ulysses, Pa.
Discontinuing farming selling without reserve, full line of well cared for machinery!

TRACTORS-LOADER-COMBINE:
J.D. 4230 with air and heated cab, 18.4x38 rubber, 1663 hrs ; J.D 4020 diesel, side console, equipped with J.D. 158 hydraulic loader (which will be offered separately); J D. 3020 diesel with snow blade, J D. 3010 gas, with new 13 6x38 rubber; J.D 1010 gas, with 2-row cultivators, Ford 8-N; Case 1537 LP gas uniloader with 5½ ft. produce bucket; J D 95 combine with cab and 13 ft hume reel head

TRUCKS:
1964 I.H 1700, 5 sp. trans , 2 sp axle, auxiliary transmission, twin cylinder hoist with grain racks; 1969 I.H 1600, 4 sp trans., hoist; 1969 Ford 700 cab over, cab and chassis, with 5 sp. trans., 2 sp. axle and auxiliary trans.; 1961 I.H AC 180, 5 sp. trans., 2 sp. and auxiliary trans.; 1958 Chevy 60 Viking, 4 sp trans., 2 sp. axle, hoist, 1950 Chevy 6400 flat bed, cab and chassis, 4 sp. trans., 2 sp. axle.

GENERAL EQUIPMENT:
Like new F.M.C. 20-row boom sprayer, 16.9x38 rubber, 600 gal. stainless steel tank; Haines boom type stone picker; J.D. 8250 18 disk drill with grass seeder and dry fertilizer boxes; J.D. 5-16 semi-mt. plow, model E145A with coulters and power slide hitch; J.D. RWA 12 ft. transport disk; 9 tooth Graham plow; Brillion 16 ft. folding wing transport harrow; Woods 7 ft. pull type rotary mower; J.D. 50 side mt. mower; Lely pull type broadcast seeder; A.R.P.S. 6 ft. 3 pt. scraper blade; 14 ft. tandem axle equipment trailer; J.D. 100 gal. fiberglass tank boom sprayer; 550 and 700 gal. steel water tanks; set 13.6x38 snap on duals; 2 Hinson tractor cabs; Jet Flow 6"x48 ft. transport auger; "Auger All" hydraulic fertilizer unloading auger; Sweep auger for 24 ft bin; 4" bagging auger; J.D. 16' lever set drag.

SPECIALIZED POTATO EQUIPMENT:
J D 216 2-row planter with Gandy applicators, Dahlman conventional harvester with steerable axle and swing-away boom; 3 McConnell 14 ft bulk bodies (2 with grain pans), Diltz Wetzel newer style seed cutter, Hains auger type seed treater, 2 Haines 26" graders with roller picking tables (1 with hyd rear elevator); Haines 26" 20 roll brusher, 2 Haines 22 ft. flat belt hopper and elevators; Haines 18 ft. belt conveyor on scissor wheels; Haines 20 ft. x 12" draper chain elevator; Haines 16 ft. hydraulic lift belt conveyor, 3 Haines swivel type seed unloaders; Haines 36 ft trailer unloading conveyor, 2 Advanced bin pilers, 2 J.D. 30 diggers (1 with windrower attachment); 2 J D 2-row 3 pt tool bar cultivators; J.D. 2-row front mount cultivator; complete Maine style 2-row cultivator, 3 pt. tool bar rolling clod buster; 6x8 homemade unloading hopper; 3 sets platform scales (1 with over/under head); 2 Century salamander heaters; 2 Iron Age boom sprayers with 400 gal. wooden tanks.

MISCELLANEOUS:
6 J.D. heavy duty cylinders; new 2 h.p. elect. motor; other elect. motors; air tire changer; portable water pump; portable fuel tank; hydraulic jacks; 5/8" drill and bench stand; ½" elect. drill; qty. of hand tools; qty. of parts; new front blade and new 48" sickle bar mower for J.D. 110 or 112 tractor; regulation size slate top pool table; etc.

TERMS: Cash or good check sale day. Proper I.D. required! Nothing to be removed until settled for.

Auction conducted by
PIRRUNG AUCTIONEERS
Pa license#'s 001646L and 001672L
Wayland, N.Y. 716-728-2520
Ulysses, PA 814-848-7421

Lunch available!

Owned by: **BENNETT POTATO GROWERS**
MR. & MRS. RONALD G. BENNETT 814-848-7540

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT JUNE 30 11 AM Public Auction of Horses Located at Keister's Middleburg Auction Sales, Inc , Rt 555, 3 mi east of Middleburg, PA, 5 mi west of Selinsgrove, PA Don and Walt Keister, Owners Ray Long and Dave Imes, Auctioneers

SAT JUNE 30 6 PM Public Auction of Arnold's 32nd Sale of Bred & Open Gilts and Boars Located at the Lebanon Fairgrounds, Lebanon, PA Harry Bachman, Auctioneer

SAT JUNE 30 9 AM Public Auction of Household Goods, Antiques & Coins Located at the Denver Fire Hall, 425 Locust St , Denver, PA Harry S Stoner Estate George S Gehr, Irene M Matz & Clarence E Spohn, Executors T Glenn & Timothy G Horst Auctioneers

JULY

MON JULY 2 12 NOON Public Auction of Horse Farm, Race Horses, Horse Equipment & Farm Equipment Located from Easton to Denton, take Rt 328, leaving Easton Go about 2 miles to Black Dog Alley Rd Turn left Follow signs Don & Dale Milby, Owners Carroll's Sales Co , Auctioneers

TUES JULY 4 - 9 AM Antiques & Collectibles, Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneers

THURS JULY 5 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road Lancaster PA

FRI JULY 6 7 P M Horse Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New HollandPa Abe Diffenbach Manager

SAT JULY 7 Public Auction of Real Estate Located at Lack Twp , Juniata Co , 20 miles south of Mifflin along Rt 35 William J Owens Estate Bryan D Imes, Auctioneer

TUES JULY 10 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneers

FRI JULY 13 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

SAT JULY 14 - Public Auction of Real Estate & Farm Machinery Located at R D 2, Port Royal Harvey J Stake Estate Bryan D Imes Auctioneer

AUCTION

SATURDAY, JUNE 9, 1984

REAL ESTATE — HOUSEHOLD GOODS

Starting 11:00 A.M. — REAL ESTATE 12:00 Noon

Loc - Liberty Pa. 30 Miles North of Williamsport, Pa. on Rt. 15, 4 miles east of Liberty Pa. on Rt. 414.

Having moved to Florida Mr. & Mrs. Reed have decided to sell the Real Estate & Household goods.

Real Estate consist of 2 Acres 2 Story Frame house full basement & small garage, 4 bedrooms, walk-in attic, full bath, kitchen, living room, dining room, pantry heat oil baseboard hot water, well & spring water 200 amp electric service, fairly new plumbing.

TERMS: Personal property - Cash or good check with I.D.

REAL ESTATE: 10% down day of Auction balance in 30 days. Owners reserve right to reject any or all bids on Real Estate only.

AUCTIONEER'S NOTE: Would make nice cabin approx. 2 miles from State game land Tioga Co. Watch for full listing.

Auctioneer Ron Mase (717) 324-6781
Liberty Pa. License No. AU-002082-L

PUBLIC AUCTION

TWO VALUABLE WOODLAND TRACTS

CAERNARVON TWP. - LANC. CO.
TOTALING 13½ ACRES

SATURDAY, JUNE 9, 1984

Sale Time 1:00 P.M.

11½ ACRE TRACT &
2 ACRE TRACT SOLD SEPARATE

DIRECTIONS — Travel North on Rt. 10 approx. 2 miles from Honey Brook to Twin County Restaurant. Woodland on left. Both tracts front on Shirktown Rd. (Look for Auction Signs.)

These tracts of woodland are ideally located for home sites or investment. Recent survey completed with all corners pinned & marked. Only minutes to Morgantown, Honey Brook & Churchtown! These lots offer real seclusion plus convenience to major roads. Terrific View of the Conestoga Valley farm area.

10% down sale day. Balance at Settlement.

NOTE — For terms, copies of surveys or information regarding Auction, call Auctioneers 717-733-1006. Auction held on site.

TERMS BY:
THOMAS W., RAY J. & DEBBIE BANNON
215-286-9797

Auction Conducted By:
Randal Kline, AU-000499-L
Lloyd Kreider
Roy Good Jr., Auctioneers

KLINE & KREIDER AUCTIONEERS
Phone (717) 733 1006

PUBLIC AUCTION

TUESDAY EVE. JUNE 5, 1984

AT 6:00 P.M.

5640 Allentown Blvd., Rear of Smokin Freddy's Bar B Que.

RESTAURANT EQUIPMENT

Hobart 4 Hole 8 Ft. Electric Steamtable w/Grill, 3 Whirlpool Self Contained Cubelet Ice Machines, Aero Steamtable w/3 Compartments, 4 Hole Perlick Bottle Cooler, 3 Ft. Stainless Steel Work Table w/Shelf, 16 Ft. Counter w/stools, 4 Stainless Steel Waitress Stands, 8 Ft. Stainless Steel Table w/Shelves & Doors, Stainless Steel Sink w/Cabinet, 14 Square Tables, 48 Folding Chairs, Nine 8 Ft. Folding Tables, Stack Chairs, Sweda 40 Key Cash Register (new), Roll-O-Grill Hot Dog Maker, Accupat Food Shaping Machine, Amana RC-6 Microwave Oven (new), Toastmaster 4 Drawer Warmer, Hamilton Beach Table Top Range, 90" Waitress Counter w/Sink & Water Purifier, 54" Oval Table, Soup Crock, 4 Heavy Duty Rubbermaid Garbage Cans, Mop Bucket, Booster Chairs, Checkwriter, Warehouse Cart, Table Carts, Rego-China Dinner Plates, Cups, Saucers, Steamtable Pans, Other Related Equipment!

SPECIAL ITEMS

MARANTZ PLAYER-RECORDER PIANO (NEW), Deluxe Video Arcade Size Space Invaders Machine, 8 Column Cigarette Machine, 2 Roll Away Beds, Gas Grill, 48" & 72" Wrought Iron Pcs., Electrolux Sweeper.

NOTE: Items Can Be Seen Day of Auction ONLY!!

PROPERTY OF CLOSED
PA. GENTLEMAN RESTAURANT
LIC. NO. AU-1367

KERRY PAE AUCTIONEERS
227 N Front Street
Harrisburg PA 17101
(717) 236 3752

AUCTION SERVICE

HUNTER'S SALE BARN, INC.

RT 276 - BOX 427
RISING SUN MD 21911
301-658-6400

PUBLIC AUCTION

SATURDAY, JUNE 16, 1984

10:00 A.M.

JUNE FARM EQUIPMENT CONSIGNMENT AUCTION

Many More Items For Auction Not Advertised Due To Late Consignments

Inviting: Farm Equip. - Lawm Mowers - Tools - Posts - Etc.

Featuring In This Auction - Complete Line Of Farm Equipment From The Farm Of Mr. Millard McDowell Of Oxford, PA Having Decided To Discontinue Farming Will Sell His Farm Equipment At This Auction AND On Aug. 3rd. Will Sell 150 High Bred Bows w/13,897 Lb. Herd Average 4.2 Test On D.H.I.A. For 10 Years. Watch For Ad In Late July On Cows & Heifers From The Farm Of Mr. McDowell. Equipment Is In Very Good Condition.

J.D. 2840 Diesel 1400 Hrs. Good Rubber Very Clean, Oliver 1850 Diesel 3 Pt. Hitch Less 100 Hrs. Since Major Overhaul, Hydro Power Drive w/Front Double Rear Hyd. Good Rubber, J.D. Grinder Mixer Model 700, Farmall Super C Good Rubber, J.D. Model B Antique 1934, Good Cond., Wind Power Generator, J.D. Chuckwagon Model 714 10-ton Gear, Gehl Chuck Wagon N.I. Gear 8 Ton Gear, 2 Bail-King Hay Wagons Pipe Racks 18' 8-Ton Gear, 2 Flat Wagons, Gehl 99 Hi-Throw Blower, N.I. Cutditioner Model 270 7' Cut, N.H. Haybine Model 489 9' Cut Good Condition, N.H. Baler 315 w/Thrower 3 Yrs. Old Like New, N.I. Spreader #214 w/Hyd. Gate, J.D. 4 Bottom Plow w/Hyd. Reset, Brillion 9' Chisel Plow Like New, Brillion 14' Field Harrow Transport Like New, Badger 1000 Gal. Tank Spreader w/Self Contained Vacuum Pump Almost New Cond., Oliver 252 Transport Disc 12' Ex. Cond., N.I. 5 Bar Rake Belt Drive, N.I. Wheel Rake 5 Wheel, Gehl Chop King 2-Row Chopper Wide Or Narrow, J.D. 38 Chopper 1 Row Corn Head & Corn Head, J.D. Trail Mower 7' w/Hyd. Lift, Oliver 4-Row Corn Planter, N.I. 35' Elevator, Brillion 14' Cultipacker, Century Sprayer 300 Gal., 20' Bunk Feeder By Fry Bros. On Wagon Gear, Dan Huser Post-Hole Digger 12" Auger Cardinal 20' Small Grain Elevator on Wheels, Set Of Pipeline From Double Parlor w/4 DeLaval Milkers, Homemade Cattle Trailer, J.D. 5 Bottom Plow Semi-Mount, White 8600 Combine, (2) 12' Heads, (1) 4 Row Narrow Corn Head; NH 455, 3 pt. Mounted Sickle Bar Mower; 6' 3 pt. Mounted Cultivator.

Terms: Cash or Approved Check Only.

Above Equipment Sold For
MR. MILLARD G. McDOWELL, JR.
Oxford, PA 19363

Auctioneers:
Norman E. Hunter
Parkes T. Williams
Auction Held At: Hunter's Sale Barn, Inc.
Rt. 276, Rising Sun, MD 21911
Phone 301-658-6400

Restaurant On Grounds
Plus Many More consignments Take Daily Not Listed. Phone 301-658-6400
List Your Equipment Now!
HAULING AVAILABLE
"CECIL COUNTY'S LEADING AUCTION SERVICE"

PUBLIC SALE

SATURDAY, JUNE 9, 1984

10:00 A.M.

FARM MACHINERY & FARM TOOLS, TRUCKS, COMBINE, GRAIN BINS & SWINE HOUSES

Due to discontinuing farming, we will sell the following farm items at:
17826 Falls Rd., Upperco, Md. in Balt. County

FARM MACHINERY: 1967 JD 5020D tractor w/turbo charger, very good shape & rubber w/5400 hrs.; '67 JD 4020D tractor, very good shape & rubber, w/6200 hrs.; '68 Ford 8000D tractor w/good rubber & fair shape, 3500 hrs.; '75 Ford 5000D tractor, very good shape & rubber w/dual range trans.; '59 JD 730D tractor, good shape & rubber; 1981 AC 7010 tractor w/cab w/AC 400 hrs. like new; '80 JD 6620 side-hill combine, VG shape, with 15 ft. flex grain head, and 643 6-row corn head w/auto. header control & straw chopper 2100 hrs., JD 355 5 bot. hyd. reset on land plow, JD 10' 3 pt. chisel plow, JD 1980 210 disc 12'8"; JD 1630 cutting disc 11'6"; JD RWA 12' disc, JD 15' roller harrow, Brillion 14' transport cultipacker, JD F-125 3 bot. 3 pt. plow, JD 12' lever harrow, JD 1460 planter 6-30" row w/insect. boxes and liquid tanks & blue pump plus monitor; AC no-till 6-row planter w/9 units for beans and monitor, Haybuster no-till grain drill 1068-semi, 2 yrs. old; Woods 120 10' off-set rotary mower; NH 479 haybine; g.s.; JD 336 baler w/ejector, JD 640 rake; JD mod. 300 elevator 30'; 5 wagons w/bale thrower racks, 3-15' +2-18' flat wagon, John Blue 1000 gal. sprayer, S.S. tank w/42' booms, Better Build tank manure spreader, vac. w/injectors, 2100 gal.; Lely 3 pt. spin spreader, NI 30' 8" transport auger, JD 46A loader, JD Mod. 50 hay crimper, Holland transplanter 3 pt. hitch, Nitrogen tanks- 10,000, 3,000, 1,000; Fuel tanks- 2,000 w/elec. pump, 2-300 gal. w/hand pumps, 2 pick-up fuel tanks - 110 gal. & 55 gal. 1 w/elec. pump, Generator on wheels w/3 cyl. Perkins D engine, MH 22 tractor for parts, 4 JD hyd. cylinders & other misc. mach.

TRUCKS: '69 White 4000 tandem axle w/230 Cummings & 13 speed trans. w/21' dump grain body, '76 IH 1600 w/345 gas engine, 43,000 orig. miles, new rubber on rear w/14' dump grain body. Both in good shape. '67 White cab-over 250 Cummings 10 speed trans. as is; '69 Steco 30' alum. dump trailer, g.s.; Trail Mobile 36' flat bed trailer.

TOOLS & MISC: Gas engine, port. liq. pump, Sears power hack saw, Acetylene torch outfit, A-frame w/3000 lbs. chain fall, tow chains & binders, **a lot of brand new truck, tractor & mach. parts;** anvil, MAC ¾" drive socket set, welding parts, wrenches, drill presses new 20" truck chains, 15-5-38 tractor chains, LP gas shop heater, hyd. jacks & stands, & other misc. items.

GRAIN BINS & EQUIP.: 27,500 bu. Superior bin, 15,500 bu. Unico bin, 2,000 bu. Unico wet bin, American automated 210 bu. batch dryer, York 110' 3,000 bu. per hr. Big Leg w/8" down pipe, 2-1,000 gal. LP gas tanks.

SWINE HOUSES: 2-Farmstead 10 crate slotted floors farrowing houses, 2-Ag Star nursery houses w/self-contained manure pit, self-feeder & waterer w/slotted floors.

Directions: From Rt. 83, take exit 27 onto Mt. Carmel Rd., go W. 6 miles to blinker lt. at Rt. 25 Falls Rd, turn R. go N. 1 mile to sale. From Md. Rt. 30 at Hampstead take lower Beckleysville Rd. 4 m. E. to Falls Rd. Rt. 25, turn R. 1 m. to sale.

TERMS: Cash or Good Check

Food Stands Rights Reserved. **Not Responsible for Accidents.**

Sale Order- Tools, Mach., Trucks & Bins

REGESTER BROS FARM, Owners
301-343-1272

Nevin E. Tasto, Auctioneer
374-4067
Tasto & Dodrer, Clerks

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

Dairy and Livestock Sales

TUES JULY 17 - 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

THURS JULY 19 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

TUES JULY 24 4 PM Farmersville Auction in Farmersville, 3 mi East of Brownstown, Lancaster County, Pa John J Rutt, Auctioneers

FRI JULY 27 - 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan, Auctioneers

FRI JULY 27 - 7 PM Public Auction of Bred and Open Gilts and Boars Located at the Lebanon Fairgrounds, Lebanon, PA PA Duroc and Yorkshire Association, Owners Harry Bachman Auctioneer

TUES JULY 31 4 PM Farmersville Auction in Farmersville 3 mi East of Brownstown, Lancaster County, Pa John J Rutt Auctioneers

AUG

THURS AUG 2 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm 2220 Dairy Road Lancaster PA

THURS AUG 2 - 9 AM Public Auction of Steam Engines, Marine Gas Engines, Antique Farm Machinery, Six Peerless Saw Mills and Steam Equipment Accessories Located in Centreville, MD Robert & Miriam Dean, Owners Col Ross Rhodes, Auctioneer

THURS AUG 9 - Public Auction of Complete Purebred Dispersal for Cedarcrest-Vu (Don Eastburn Family) to be held at Mel Kolb, Inc 2220 Dairy Road West of Lancaster on Dairy Road, Take Rt 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Rd turn left after exiting go to Mill, then sharp right under railroad bridge Barn is within sight of Rt 283

FRI AUG 10 - 9 AM Farm Machinery Sale at New Holland Sales Stables, Inc 12 miles east of Lancaster off Rt 23 in New Holland, Pa Abe Diffenbach, Manager

FRI AUG 10 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

SAT AUG 11 12 30 PM Herd Dispersal of 55 Head located 2 miles northeast of Bernville off Shartlesville Road east on Irish Creek Road, 1 mile to first farm on left 4 miles south of Shartlesville, 4 miles west of Centerport, Berks Co Wilbur and Pauline Hartranft, Owners Paul Snyder and Alvin Horning Auctioneers

PUBLIC SALE

BUTCHER EQUIPMENT AND PERSONAL PROPERTY

WEDNESDAY, JUNE 6, 1984

10:00 A.M.

Located at 509-511 St. Joseph St., Lancaster, PA.

A Large Kramer Pork Ice Box Model 265; Small kramer Missing Motor; Kramer Cool Master Model 265; New Kramer Ice Box Model CM480, 115 Volts, 2040 Amps; Small Kramer Cool Master model 96; Large Kramer Cool Master Model 480; Large Display Meat Case (needs work); Meat Track & Roller Hooks (to be removed); Large Furnace; Large Stainless Steel Smokehouse (to be removed); Old Compressors and Pumps; 17' x 40" Cutting Table; 40"x50" Butcher Block; Wooden Meat Racks; Metal Shelves; Old Sausage Stuffer; Bucket-A-Day Stove; 75 Gal. Hot Water Heater; 34" x 60" Marble Slab; Exhaust Window Fans; 30 Gal. Crock; 5 Paper Racks, Metal Key Hole Desk; Wooden Bench; 2 Hobard Scales; Fan Scales, 2 Wall Scales; Fresh Meat Rack; Buggy Seat; 2-275 Gal. Oil Tanks; Com. Ice Chopper; Grind Stones.

Whirlpool Air Conditioner; Hamburger Press; Butcher Knives and Saws; Tool Cabinet; Belt Type Knife Sharpener; Stained Glass Window; Large Wet Stone; Adding Machine; Stainless Steel Tub; Com. Lard Press; Single Rinse Tubs; Scale Weights; Meat Hooks; meat Pans; Lead Pot; Spreaders, Wood & Steel Pulleys; Shovel; Harrow; Steels; Old Door Latches, Lots of Scrap Iron; Wooden Gates; Cow Chains; Wooden Shovel; 8' Florescent Light tubes. Many Items Not Mentioned. Inspection Day of Sale.

Terms by

FOLK BROTHERS

Aucts: Lester O. Weaver
Barry D. Wagner
Audrey E. Wagner

Not Responsible For Accidents

PUBLIC SALE

SATURDAY, JUNE 16, 1984

Sale Starts 9:30 A.M.
Real Estate 1:00 P.M.

Estate of Sam & Millie Ritchey, located Curryville, Penna. Blair County.

Real Estate Consists of 109 Acres All Tillable, 7/10 Mile Road Frontage, Large Bank Barn, With Straw Shed, 12 Room Brick Home, 2 Baths, Hot Water Heat, Never Failing Well, and Paved Driveway...

One of the best Limestone farms in Morrison Cove...

Farm Machinery, 1980 310 New Holland Baler, IHC 464D, Plows, and loader, 504 IHC Wide Front. Jubilee Ford, with Mower, 1938 Farmall 20, JD 15 Hole Drill, NH 3 beater Manure Spreader, NH Wagon With False Endgate, Bale Elevator, Etc. Horse Equipment, Hi Arch Buggy, Sleigh. Also Household Goods, Lots of Antiques...

TERMS: Personal Property Cash, Real Estate 10% Down Balance 90 Days...

More Information Phone: 814-793-2829
814-793-3860

DONALD LEAGER HERD

COMPLETE HERD DISPERSAL

At The Shady Lane Dairy Sales Inc.

WEDNESDAY EVE., JUNE 6, 1984

8:15 P.M. DST

63 HEAD REGISTERED & HI GRADE HOLSTEINS

Donald Leager Dispersal, Centerville Maryland

This Herd Consists of 10 Recently Fresh, 8 Springing Close, With App. 10 Due July, 12 Due Aug., 10 Sept. For All Stage Lac. This is an Outstanding Herd of Cows, Extremely Well Cared For With a Very Close Culling Program. Cows Are Extra Large In Size, Real Dairy Quality, and Very Well Attached Udders, Mostly 2nd and 3rd Calf Young Cows, 3 and 4 Yr. Olds.

Dairymen This is a Rare Opportunity to Have a Chance to Choose Individual Animals, From a Herd Like This. Selling Due to Other Interest in Business.

Manager's Note:

I think this is one of the best herds we have handled in the past few years. Come see for yourself. You have to like these certified and accredited with 30 day TB and blood test. Preg. examined.

Amish transportation available or we will pay your drive, reasonable rates.

SHADY LANE DAIRY SALES, INC.
Quarryville #4, Pa.
Phone: Glen 1-717-786-2750
Dave 1-717-786-1725

PUBLIC AUCTION

FRIDAY, JUNE 15, 6:00 P.M.
and
SATURDAY, JUNE 16, 9:00 A.M.

COMPLETE DISPERSAL OF METAL WORKING MACHINERY

Directions:

Located in the village of Prescott 1 mile south of 422 halfway between Lebanon & Myerstown, Lebanon County, PA.

The Properties Will Not Be Sold As Indicated On Last Weeks Ad.

SHEET METAL & SHOP MACHINERY

Federal 8' 16 ga. manual brake; Barth 5' 16 ga. hyd. shears; Hysoing 4' power roller; 20 ton punch press; Airco mig welder; Systematics mig #150 welder; Lincoln welder; 30" ft. operated shears; 15" lathe w/6' bed; 2 acetylene torches; Central 16 sp. drill press; Craftsman drill press; Carolina 8"x10" band saw; 14" cut off wheel w/¾ hp. motor; 8 ton bulk feed tank; Welding table w/vise; 3/8, 1/2, and 3/4 socket sets; misc. punches; hammers; chisels; wrenches; grease guns; electrical testers; belts; pulleys; sprockets; chains; gear boxes; temp. controls; water pumps and propane heaters; 1/4, 3/8 and 1/2" drills; skill & sabre saws; Black & Decker cut saw; new & used electric motors fractional hp. to 13 hp.; asst. bearings; copper tubing; angle, channel and flat iron; G.S.I. grain drying fans 1 to 13 hp.; grain bin flooring; 4, 6 and 8" auger tubing and flighting; 40' Mix Mill elevator w/dump hopper; portable air compressor; stainless steel tank; feed handling equip.; Mix Mil Roast-A-Tron roaster; bale conveyor; Modern Mill feed blower w/5 hp. motor; Hunter chain conveyor, concrete trowel machine.

OFFICE EQUIP. & TRUCKS

Filing cabinets; desks; swivel chairs; calculator; copier; ¾ ton Ford van; '72 Chevy 1 ton walk-in van; '70 GMC Boom truck; '75 IH Transtar tractor w/350 Cummings 13 spd. roadranger twin screw; '70 Ford Cabover tractor w/250 Cummings 10 spd. roadranger twin screw; '69 Ford tractor w/477 gas engine single axle 5 spd. trans w/2 spd. rear; 40' Fruehauf flatbed trailer; (2) custom built tandem axle trailers; 4,000 lb. Clark fork lift & many more items too numerous to mention.

For appt. to see any items call (717) 866-4928.

FRI. EVE. SALE ON JUNE 15 AT 6:00 P.M. will consist of small items such as hand tools, timers, fans, motors, auger tubing, belts, pulleys, sprockets, chains, etc.

All lg. machinery, office supplies & trucks will be sold on Sat., June 16 at 9:00 A.M.

DON'T MISS THIS SALE, LOTS OF ITEMS ARE NEW.

Items are subject to daily business routine. Not responsible for accidents.

Terms Cash or Good Check. NO OUT OF STATE CHECKS.

Terms by:

MARTIN DISTRIBUTORS INC.

Refreshments Will Be Served

Aucts:
Sylvan B. Witmer (717) 933-5328
Arthur E. Nolt
AU-001807-L

PUBLIC AUCTION

TRACTOR, COMBINE, FARM AND IRRIGATION EQUIPMENT

THURSDAY, JUNE 14, 1984

10:00 A.M.

Location: Wilson's Auction Sales, Inc., Rt. 113, 1 mile south of Lincoln, Del.

Case 2390 tractor w/duals, a.c., heater, AM/FM stereo, 1200 hrs., I.H. 1440 combine, Axial-Flow, a.c., 16' 820 flex table & monitors, 1101 hrs., IH 863, 6-row 30" corn head, 6 row corn saver, A.C. 6 row 30" 330 air champ, no-till planter w/fert. attach., J.D. 20 spout grain drill 206-B, set hyd. markers, Case 5-16" semi-mount plows, Brady 18' field cultivator, Case 3 p.h. rotary hoe, Mayrath 5"x35' grain auger, Case wagon running gear, Case 4 section spring tooth harrow, 2-150 gal. poly saddle tanks w/mounting brackets, hydraulic pump, Auger 6"x20' w/3 hp el. motor, John Blue ground driven pump, John Blue agitator pump, John Bean agitator pump, Work Horse model front end loader (by Johnson Mfg.), 1000 gal. tank, wall drill press, 2 Kelly Duplex feed mixer, Kelly Duplex feed grinder, switch panel 50 hp., 3 ph. motor w/starter switch, 12 hanging brooders, lot of misc. box and content items.

IRRIGATION PUMPS & EQUIPMENT

Detroit 453 diesel w/Hale 6"x6" pump, w/primer, 1484 hrs. (under warranty), Detroit 453 diesel w/Berkeley pump, 6"x16" w/primer, model B-4-J pump, 2 Hobbs Beel Rain w/1200' 3¾" hose, model RR 2375, Water Winch Ag-Rain (Propane) 660' soft hose, Race & Race (Racebilt) irrigation pipe, 49 pcs. 6"x40' alum. pipe, 11 pcs. 6"x30' alum. pipe, 4 pcs. 6"x20' alum. pipe, 2 pcs. 6"x10' alum. pipe, 1 pcs. 6"x5' alum. pipe, 6 - 90° - 6" ells.

TERMS: Cash, certified check or approved check w/current letter of credit from your bank.

Auctioneer's Note: All equipment is in good condition and has been moved to our auction facility for the convenience of our customers. Make plans to attend today.

GEORGE BRIGGS FARM, INC.
Owner

For further information:
Wilson's Auction Sales, Inc.
Dave Wilson
Auctioneer and Sales Manager
(302) 422-3454 or 856-2110

Lunch Served

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

THURS AUG 16 Mon thly Cow Sale at Mel Kolb Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

SAT AUG 18 12 Noon Public Auction of the 5th Annual Prince Plaudit Production Sale of Ap paloosa Horses Located in Strattanville, PA Rim Wolk Farm, Dave Stahlman, Owner Davis & Templeton, Auctioneers

FRI AUG 24 7 00 PM Dairy Sale Located at Penns Valley Livestock Auction, Centre Hall, PA Scott L Yocum and Ron Gilligan Auctioneers

Future Farmers of America

SEPT.

THURS SEPT 6 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI SEPT 7 - 7 00 P M Holstein Promotional Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Dif fenbach, Manager

FRI SEPT 7 7 PM Public Auction of a Holstein Pro motion Sale Located at New Holland Sales Stables, Inc 12 miles East of Lancaster, off Rt 23 Abe Diffenbach & Norman Kolb Auctioneers

TUES SEPT 11 7 PM Public Sale of Feeder Cat tle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249-4511

FRI SEPT 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

FRI SEPT 14 7 PM Public Auction of the District Relief Heifer Sale for the Church of the Brethren Located at the Lebanon Fairgrounds, Lebanon, PA Claire Kreider Manager

THURS SEPT 20 Mon thly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

SAT SEPT 22 Public Auction Benefit Sale for West Fallowfield Christian School Located 2 miles south of Atglen, PA along Old Rt 41, Newport Pike Leon Kurtz, Auctioneer

TUES SEPT 25 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81 717 249 4511

SAT SEPT 29 12 Noon Red Carpet Horse Sale Public Auction of Registered Quarter, Ap paloosa and Thoroughbred Horses Located at the Cambria Co Fairgrounds Edensburg, PA Kevin Hines and Chris Rowe, Owners Davis and Templeton, Auctioneers

SAT SEPT 29 Consignment Heifer Sale to Benefit Elementary Christian Schools Located 6 miles east of Lancaster at the Guernsey Sales Pavilion Larry Kennel, Manager

OCT.

THURS OCT 4 - Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

TUES OCT 9 - 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81, 717-249-4511

WED OCT 10 12 Noon Public Auction of the Western PA Sale of Stars Located in Butler, PA

FRI OCT 12 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

Dairy and Livestock Sales

PUBLIC SALE

SATURDAY, JUNE 9, 1984
11:00 A.M.
Located 1½ Miles North Of The Village Of Mandata, Pennsylvania (Intersection Of Routes 147 & 225), 2½ Miles East Of Herndon. Watch For Sale Signs Day Of Sale.

REAL ESTATE

PARCEL #1: Located In Jackson Township, Northumberland County, Consisting Of 1.752 ACRES And Having Thereon Constructed A LARGE CEMENT BLOCK STORAGE SHED. This Parcel Is Perked And Probed And Has A Fabulous View Of The Countryside.

PARCEL #2: Located In Jackson Township, Northumberland County, Consisting Of 0.622 ACRES And Having Thereon Constructed A 1½-STORY FRAME DWELLING, ELECTRIC HEAT WITH VINYL AND ALUMINUM SIDING...FIRST FLOOR CONSISTS OF LARGE REMODELED KITCHEN WITH DINING AREA AND BUILT-IN WESTINGHOUSE STOVE; LIVING ROOM WITH FIREPLACE; EXTRA ROOM WHICH COULD BE USED AS A DEN OR BEDROOM; SMALL ROOM OFF KITCHEN WHICH WAS USED FOR WOOD-BURNING STOVE; HALF BATH AND TWO CLOSED-IN PORCHES...SECOND FLOOR CONTAINS 2 BEDROOMS WITH CLOSETS, 1½ BATHS... BASEMENT IS FULLY CEMENTED WITH SHOWER AND LAUNDRY AREA. This Home Has Been Completely Remodeled, If You're Looking For A Home In The Country, This May Be The One For You. This Parcel Also Has A Corn Crib And Grainery.

PARCEL #3: Located In Jackson Township, Northumberland County, Consisting Of 13.844 ACRES And Having Thereon Constructed A LARGE 2-STORY BANK BARN WITH ATTACHED STRAW SHED AND A 4-BAY WAGON SHED.

For inspection or additional information, phone 758-6033 or 758-6004. Parcels will be offered individually and as a unit at 1:00 P.M.

ANTIQUES & COLLECTIBLES

Oak Case Grandfather's Clock with Westminster Chimes, Beveled Glass Door, 81" High; (6) Ornate Oak Cane Seated Chairs; European Hand-Painted Chest Signed Nurnberg; (2) Spinning Wheels - 1 Upright; (2) Yarn Winders - 1 Very Early; Cottage Bureau; Crib; Copper Washboiler; Wagon Seat; Very Unusual Wunder Kerosene Lamp; Hanging Double Angle Kerosene Lamp; Unusual Hanging Triple Angle Kerosene Lamp; (4) Hand Carved Wooden Czechoslovakia Pipes; Hand Painted China Bowl Pipe; 1870's and 1880's Harpers Magazines; Etc.

GUNS

8 mm German Rifle Sports Model 98 with Hensoldt App 4-Power Scope; 8 mm Salzwedel German Rifle Model 98, Engraved, Hair Trigger; 8 mm Model 98 Marked 1944, Hair Trigger, Carved Stock; Ruger 22 Magnum Single 6 Revolver 22 Cal. with Hand Tooled Holster (new, never been fired). GUNS WILL BE SOLD AT 12:00 NOON!

SCHRADER QUEEN SIZE FIREPLACE STOVE
FARM MACHINERY & MISC. ITEMS

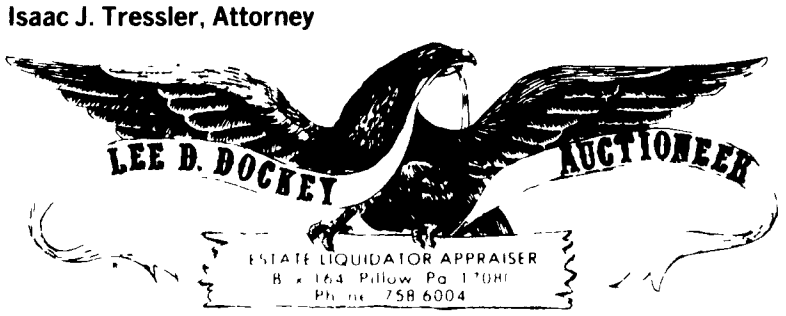
FORD 9N TRACTOR: Woods Model M5 Chopper; Ferguson Type SK02D Cultivator; Grain Drill; Wooden Wagon with Metal Wheels; Hand Cultivator; 3-Pt Hookup Blade; 2-Bottom Trailing Plow; Small Spring Tooth Harrow; Disk; Bulldozer Weed Control Electric Fence; Myer's Self-Oiling Working Head Pump; Hand-Operated Blacksmith Forge; Blacksmith Anvil; Asst. of Rough Lumber; Etc.

HOUSEHOLD ITEMS

Singer Industrial Sewing Machine; Upright Tapestry Loom; "Hunting Scene" Tapestry; Double Rinse Tubs; Etc.

TERMS: REAL ESTATE - 10% DOWN. FURTHER TERMS AND CONDITIONS TO BE GIVEN DAY OF SALE. PERSONAL PROPERTY - CASH. PERSONAL CHECKS ACCEPTED ONLY FROM PERSONS HAVING AN ESTABLISHED ACCOUNT WITH AUCTIONEER OR APPROVAL PRIOR TO DAY OF SALE.

HILDA M. & SERENE J. HEPNER,
OWNERS
Isaac J. Tressler, Attorney



AUCTIONEERS: Dockey #AU-000229-L,
Dockey #AU-001683-L &
Deppen #AU-001957-L

PUBLIC SALE

OF
LOTS OF HAND TOOLS
POWER TOOLS
FISHING RODS,
REELS & TACKLE
MONDAY EVE. JUNE 4, 1984
5:30 p.m.
Loc. at 2104 Clover Hill Road, West Ridge Development, Lancaster, PA (at traffic light in Millersville take Millersville Rd. west about 2 blocks & turn right onto West Ridge Dr.; then turn left onto Clover Hill Rd. to sale; watch for signs)

Sale by
MRS. PAUL ROLAND
(MARY ROLAND)

HOWARD SHAUB 464-3541
and Roy C. Probst
Auctioneers (AU-000831-L)

PUBLIC AUCTION

DAIRY HERD; MILK TANK;
MILKING EQUIP.
HAY; STRAW
TUESDAY, JUNE 5, 1984
at 11 A.M.
(3 miles N. of Easton) Exit off Rt. 22 at the 25th St. exit & Rt. 248, go N. approx. 3 miles to Northwood Racquet Club, turn W. onto Northwood Ave., to 1st farm, Northampton Co., Pa.

(25) Hol. milch cows: in various stages of production, four are registered, herd is tested & eligible for intrastate shipment, also pregnancy checked, charts available.

Equipment: Girton 300 gal. milk tank w/comp.; Delaval Pulso milker pump (mod 76) used 4 yrs.; 4 milker units; 4' elec. fly catcher; 30" barn fan; cattle dehorner; 15 milk cans; approx. 10 ton wheat straw; approx. 20 ton alfalfa timothy hay mixed.

TERMS - Cash or Acceptable Check
Note: If traveling US Rt. 22 allow extra time because of some one way traffic.

Ordered by
LIEBERMAN FARMS INC.

Conducted by
Ralph W. Zettlemoyer Auction Co. Inc.
(215) 395-8084
Pa. License #AU-001809-L

SALUTE TO THE Dairymen

OUTSTANDING MILKING HERD DISPERSAL

OUT OF NEW ENGLAND STATES **JUNE 8, 1984**

8:00 p.m. D.S.T.
35 Cows - 16 Registered
Rolling Herd Avg. over 16,000 m.
24 out of 35 due for Summer and Fall calving.
41 Months Average Age of Herd
12.1 Month Calving Interval
50 lb. Per Cow Average.
Several Cows just Fresh Milking 70 to 90 lbs. m.
D.H.I.A. Projections 15,000—20,000 m.
Eastern A.I. Sired and Bred Carnation and A.B.S.
Sires Include - El Stan, Grand Fortune, Kit Builder, Strephon, Bold Chief, Ted, Barrett, Lindy, Willow.

Reg. Grand Fortune - 1st calf due Sept. to Exranco Glen Proj. 17,051m.
Reg. Palamar Extro Top Command due July to Sweet Haven Tradition - 18,591 m.
Reg. Elstan - due Oct. to Stando Magic Proj. 17,514 m.
Reg. Barrett Ranch Ivanhoe Rockman - G.P. 3 yr. due Oct. to Magic. 19,009m.
Reg. Tiho Kit Builder G.P. (Fancy) Bred to Shammrock, Proj. over 18,000m.
Gr. Limestone Standout Strephon - due Sept. Proj. 20,933 m.

This Herd Is Young, Sharp and Extremely Well Uddered and Show Good Potential

Reg. Fancy Bull - Sweet Haven Tradition
DAM - Glenn Valley Star. - Records night of sale. - Consigned by Johnny Jr.
Grade Bull Sire Marvex
DAM-305 d. proj. 19,604m - Milk 96 lb.
3 yr. 1m. 305d. Est. 19,602m. 674F.
5 yr. 4m. 354d. 25,913m. 844F.
Grdam-4 yr. 2m. 350 d. 24,043m. 728F.
Milk 100 lbs. - 120 lbs.
Reg. Bull-Cal Clark Board Chairman - Born 2-23-84
DAM-Harrisburg Gay Ideal-86 pts.
5-0-297d. 18,360m. 4.0% 726F.
4-0-305d. 16,750m. 568F.
Grandam - 90 pts. - records up to 22,000m.
A group of Springing or Fresh Heifer's from a herd dispersal

Cows Milked at Regular Time
Cash or Good Check Night of Sale

Sale Managed by
SMOKETOWN QUALITY DAIRY SALES, INC.
GORDON & HELEN FRITZ
717-393-0930

Carl Diller/Paul Snyder-Auctioneers-
AU000873-L
Henry Kettering-Pedigrees

Lunch by Sublette

June is dairy month

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

SALE EVERY TUESDAY
Graded Sale
1st Tuesday each month
2 P M
Horse Auction
2nd Saturday each month
1 P M

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va
703-364-1566

SAT OCT 13 10 00 A M Annual Fall Heifer Sale at New Holland Sales Stable, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

THURS OCT 18 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm Woodsboro MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

TUES OCT 23 - 7 PM Public sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 off I 81, 717 249-4511

TUES OCT 30 7 PM Public Sale of Feeder Cattle and Feeder Pigs at Carlisle Livestock Market exit 12 I 81, 717 249-4511

WED OCT 31 12 Noon Annual Dairy Show and Sale at New Holland Sales Stables, Inc 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach Manager

DEALER IN ALL KINDS OF LIVESTOCK
Also Crippled & Down Cattle

MARLIN S. IRWIN
Quarryville, PA
PH: 717-786-3016

NOVEMBER

FRI NOV 2 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI NOV 9 9 00 A M Public Sale of Farm Equipment at New Holland Sales Stable, Inc Located 12 miles East of Lancaster off Rt 23 in New Holland, PA Abe Diffenbach, Manager

FRI NOV 9 - 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market, Inc

THURS NOV 15 Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

DECEMBER

FRI DEC 7 Monthly Cow Sale at Mel Kolb, Inc Lancaster Farm, 2220 Dairy Road, Lancaster, PA

FRI DEC 14 1 30 PM Public Auction of State Grade Consignor Feeder Pig Sale Located at the Carlisle Livestock Market Inc

THURS DEC 20 - Monthly Cow Sale at Mel Kolb, Inc , Maryland Farm, Woodsboro, MD, ½ mile North West of Woodsboro on Rt 550 in Frederick Co

HOLSTEIN AUCTION

At the farm located near Germantown, in Montgomery Co., Md. Take the Germantown exit off Route I-270 and go through Germantown one mile to farm on the left.

TUESDAY, JUNE 5, 1984
11:00 A.M.

113 HEAD OF REGISTERED HOLSTEINS

75 Cows - 5 Bred Heifers - 14 Yearling Heifers
19 Heifers Under One Year

T.B. and Bangs Tested **Pregnancy Checked**

This herd is now using A.I. bulls and some are A.I. sired. All are registered and capable of making good records. A number of dry cows due for the base period.

This herd has never been fed or handled to produce to the best of their ability. The bloodlines are good and the potential is here for the new owners. An excellent place to buy animals of all ages.

Terms: Cash or good check. **Sale in tent**

Owner
WILLIAM PARRECO
6201 Ager Road
W. Hyattsville, Md.
Ph. 301-422-4082

Sale Manager
REMSBURG SALE SERVICE
P.O. Box 177
Jefferson, MD 21755
Ph. 301-473-8214

MELVIN KOLB, INC.

THURSDAY NIGHT JUNE 7th, 1984
7:30 P.M.

LOCATION: West of Lancaster on Dairy Road. Take Rt. 283 west of Lancaster, exit beyond ABC Stud Barns at Flory Mill Road, turn left after exiting, go to Mill, then sharp right under railroad bridge. Barn is within sight of Rt. 283.

SPECIAL TREAT FOR ALL DAIRYMEN PIG ROAST Starting at 6:00 P.M.

150 HEAD SPECIALLY SELECTED FOR THIS SALE!

75 PUREBREDS & 75 GRADES

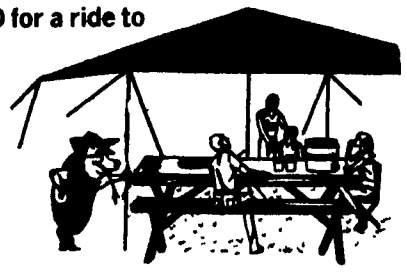
— 20 Big Fancy Purebred Heifers, due June & July, specially hand picked from the New England States, 1200-1400 lbs.
— 35 Fresh Grade Cows from New York State, several milking up to 100 lbs.

SPECIAL MENTIONS

* A 2 yr. old SUNNYSIDE STANDOUT dau., fresh with heifer calf by CAL-CLARK BOARD CHAIRMAN, born 5-19-84, her dam GP-82 as 5-1 282d 18315M 3.9 716F Inc., next dam 365d 22380M 4.4 984F.
* A VG-85 P-A-LONGVIEW BIG APPLE dau., due 6-5-84 to BELL, as 3y 240d 12030M 3.68 443F Inc., her dam VG-87 as 2-1 348d 18950M 3.8 728F, next dam VG-85 as 6-11 305d 18900M 581F.
* A VG-85 WAPA ARLINDA CONDUCTOR dau., due 5-27-84 to BELL, as 3y 305d 11325M 3.6 404F, next dam VG-85 as 3-5 305d 15720M 3.8 596F, next dam VG-87 as 9-1 234d 14990M 3.8 576F.
* A 2 yr. old I O STATE CHIEF FORD dau., due 8-20-84 to CHAIRMAN, her dam APOLLO dau. 7-0 305d 22958M 4.3 986F.
* A 2 yr. old SWD VALIANT dau., due in June to ENG-AMER CHIEF ARDEN, her dam as 5y 305d 17262M 3.8 674F.
* A LAWCREST MARVEX Male, born 3-8-83 from a VG-85 PUGET SOUND SHEIK dau. as 5-10 365d 26251M 4.5 1194F.
* A WAPA ARLINDA CONDUCTOR Male, born 4-22-83, from a VG-85 ELEVATION dau., as 4-8 312d 21860M 4.1 905F, next dam VG-88 as 5-8 341d 22490M 3.8 863F; lifetime: 130,350M 3.8 4998F.
* A GP-82 WHIRLHILL KINGPIN dau. as 2-4 365d 25990M 715F, dam GP-84 as 5-3 363d 28070M 3.7 1040F, next dam VG-88 as 11-2 305d 18230M 3.4 619F.
* A GP-82 ROUND OAK RAG APPLE ELEVATION dau. as 4-10 325d 22762M 3.0 681F, dam GP-83 as 8-3 305d 20620M 3.9 799F; lifetime: 135,150M 3.8 5185F.

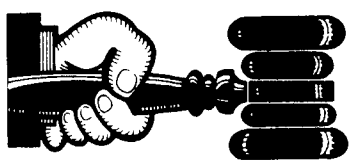
DOOR PRIZE
PUREBRED HEIFER CALF
Must be a buyer to be eligible & present to win.

FREE TRANSPORTATION FOR LANCASTER CO. AMISH: Please call: 569-2106 or 569-6800 for a ride to the sale.



FARMERS: Please don't miss this Special Sale on June 7 at 7:30 p.m. We invite you to come & enjoy yourself at our Free Pig Roast!

MELVIN KOLB — Sale Manager
ROBERT C. MULLENDORE — Auctioneer
HENRY KETTERING — Pedigrees
MARVIN ESHLEMAN — Clerk



AUCTIONEER'S DIRECTORY

NOTICE
To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P.M. Tuesday of each week's publication.

C.H. WOLGEMUTH
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Member of
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We are now listing Fall Sales.

June Is Dairy Month

Congratulations Dairymen

FROM YOUR LOCAL PURINA DEALER

For Our Customers... We Appreciate Your Business.

For Our Prospective Customers... Give us an opportunity to prove our worth with your program, your challenges!

Introducing New... Two Tools For Better Service!

MILK GENERATOR T.M.

* The Milk Generator Line of Pelleted And Meal Complete Rations Now Has A Buffer-Pak Option On All Feeds! (This Will Augment Our 1058 BF Specialized Butterfat Product.)

* A 0-30 Day, 30-60 Day, 60-90 Day **Firm Purchase** Program For Your Complete Dairy Feed. Pencil Your Costs **Today**, Project Them For 1, 2, 3 Months... Then Call Your Purina Dealer For A Quote!

Purina... planning tomorrow with research today.

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PHONE 609 769 0069
WOODSTOWN N J 08098

SOUTHERN DIVISION
West Willow Farmers Assoc Inc
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RTE 472 AT UNION PA
RD 1 OXFORD PA 19363

WEST WILLOW FARMERS ASSN., INC.
PHONE 717 464 3386
WEST WILLOW PA 17583